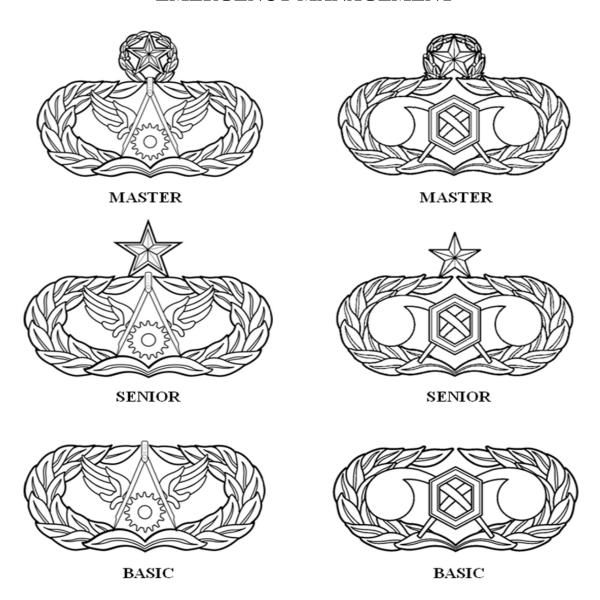# AFSC 3E9X1

EMERGENCY MANAGEMENT

CAREER FIELD
EDUCATION AND TRAINING PLAN (CFETP)

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RELEASABILITY: There are no releasability restrictions on this publication.

EMERGENCY MANAGEMENT
AIR FORCE SPECIALTY CODE (AFSC) 3E9X1
CAREER FIELD EDUCATION AND TRAINING PLAN (CFETP)

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EMERGENCY MANAGEMENT
AFSC 3E9X1
CAREER FIELD EDUCATION AND TRAINING PLAN

PART I

Preface

1. This CFETP is a comprehensive education and training document identifying life-cycle education and training requirements, training support resources, and minimum requirements for an Air Force specialty. The CFETP will provide personnel a clear career path to success and instill rigor in all aspects of career field training and serves as the "Contract for Training" between Air Education and Training Command (AETC) and a career field.

NOTE: Civilians occupying associated positions will use Part II as a guide to support duty position qualification training.

2. The CFETP consists of two parts; supervisors plan, manage, and control training within their specialty using both parts of the plan.

2.1. Part I provides information necessary for overall management of the specialty. **Section A** explains how everyone will use the plan; **Section B** identifies career-field progression information, duties and responsibilities, training decisions, and career field path; **Section C** associates each level with specialty qualifications (knowledge, education, experience, training, and other); **Section D** indicates resource constraints; and **Section E** identifies transition training guide requirements for SSgt through MSgt.

2.2. Part II includes the following: **Section A** identifies the Specialty Training Standard (STS) to include duties, tasks, and technical references to support training, AETC conducted training, wartime course and core task, and correspondence course requirements. **Section B** contains the course objective list and training standards supervisors will use to determine if Airmen satisfied training requirements. **Section C** identifies available support materials. An example is a Qualification Training Package (QTP) which may be developed to support proficiency training). **Section D** identifies a training course index supervisors can use to determine resources available to support training. Included here are both mandatory and optional courses, as well as exportable courseware. **Section E** identifies MAJCOM-unique training requirements supervisors can use to determine additional training required for the associated qualification needs. **Section F** identifies home station training references and course material required for this specialty in support of contingency and wartime training.

3. Using guidance provided in the CFETP will ensure individuals in this specialty receive effective and efficient training at the appropriate points in their career. This plan will enable us to train today's work force for tomorrow's jobs.

Section A – General Information

4.   **Purpose of the CFETP.**   This CFETP provides information necessary for the Air Force Career Field Manager (AFCFM), MAJCOM Functional Area Managers (FAM), commanders, training managers, supervisors and trainers, to plan, develop, manage, and conduct an effective and efficient career field training program.   This plan outlines the training individuals require in this Air Force Specialty (AFS) in order to develop and progress throughout their career.   This plan identifies initial skills, upgrade, qualification, advanced, and proficiency training and serves as the contract between Air Education and Training Command (AETC) and a Functional Community.   **Initial skills training** is the AFS specific training an individual receives upon entry into the Air Force or upon retraining into this specialty for award of the 3-skill level.   Normally, this training is conducted by AETC at one of the technical training centers.   **Upgrade training** identifies the mandatory courses, task qualification requirements, and correspondence course completion requirements for award of the 3, 5, 7, and 9-skill level.   **Qualification training** is actual hands-on task performance training designed to qualify an airman in a specific duty position.   This training program occurs both during and after the upgrade training process.   It is designed to provide the performance skills and knowledge required to do the job.   **Advanced training** is formal specialty training used for selected airmen. **Proficiency training** is additional training, either in-residence or exportable advanced training courses, or on-the-job training provided to personnel to increase their skills and knowledge beyond the minimum required for upgrade. The CFETP has several purposes some of which are:

4.1.   Serves as a management tool to plan, manage, conduct, and evaluate a career-field training program.   Also, it is used to help supervisors identify training at the appropriate point in an individual's career.

4.2.   Identifies task and knowledge training requirements for each skill level in the specialty and recommends education and training throughout each phase of an individual's career.

4.3.   Lists training courses available in the specialty, identifies sources of training, and training delivery methods.

4.4.   Identifies major resource constraints that impact full implementation of the desired career field training process.

5.   **Uses of the CFETP.**   The plan will be used by MAJCOM FAMs and supervisors at all levels to ensure comprehensive and cohesive training programs are available for each individual in the specialty.

5.1.   AETC training personnel will develop or revise formal resident, nonresident, field, and exportable training based on requirements established by the users and documented in Part II of the CFETP.   They will also work with the AFCFM, Air Force Civil Engineer Support Agency Training Division (HQ AFCESA/CEOF) to develop acquisition strategies for obtaining resources needed to provide the identified training.

5.2. MAJCOM FAMs ensure all training programs at the MAJCOM level complement the CFETP mandatory initial, upgrade, and proficiency requirements. OJT, resident training, contract training, CerTest, or exportable courses can satisfy identified requirements. MAJCOM-developed training to support this AFSC must be identified for inclusion into the plan.

5.3. Unit Training Managers (UTM) and supervisors must ensure each individual completes the mandatory training requirements (including MAJCOM supplemental requirements) for the upgrade training specified in the training plan.

5.4. Each individual will complete the mandatory training requirements specified in this plan. The list of courses in Part II will be used as a reference to support training.

6.   Coordination and Approval of the CFETP. The AFCFM is the final approval authority for any official change(s) made to the CFETP. Also, the AFCFM will initiate an annual review of this document to ensure currency and accuracy. MAJCOM representatives and AETC personnel will identify and coordinate on the career field training requirements. Using the list of courses in Part II, they will eliminate duplicate training.

Section B – Career Field Progression and Information

7.   Specialty Descriptions. This information supplements what is presented in the *Air Force Enlisted Classification Directory.*

CEM Code 3E900, Emergency Manager	**AFSC 3E951, Journeyman**
AFSC 3E991, Superintendent	**AFSC 3E931, Apprentice**
AFSC 3E971, Craftsman	**AFSC 3E911, Helper**

7.1. Specialty Summary. Prepares, plans, trains, educates, and equips Air Force personnel to respond to, maintain mission capability, and recover from the full spectrum of physical threat events including major accidents, natural disasters, weapons of mass destruction, and wartime chemical, biological, radiological, nuclear, and high-yield explosive (CBRNE) attacks. Provides technical expertise to commanders during full spectrum threat response operations. Performs detection, monitoring, warning, and reporting of chemical, biological, radiological, nuclear (CBRN) events. Related DOD Occupational Subgroup: 494.

7.2. Duties and Responsibilities.

7.2.1. Manages and executes the Installation Emergency Management (EM) Program.

7.2.1.1. Provides oversight to development and coordination of EM plans and supporting checklists ensuring all planning and response elements are incorporated into a single integrated program. Provides input to or develops EM annexes, appendices, supplements, local support agreements, and other documents that support expeditionary operations.

7.2.1.2. Coordinates unit and staff agency support of the Installation EM Program with Unit EM Representatives.

7.2.1.3. Organizes, schedules, and coordinates all aspects of the Emergency Management Working Group meetings including the recording and distributing of meeting minutes. Participates as an Installation Readiness Working Group member.

7.2.1.4. Provides units and staff agencies assistance through the execution of the EM Staff Assistance Visit (SAV) Program ensuring EM planning and training are accomplished and that related directives are followed. Develops SAV checklists for installation units. Develops installation SAV schedule and conducts an EM SAV on all units annually. Provides a written report to unit commanders and briefs the Installation Readiness and Emergency Management Working Group on findings and trends.

7.2.1.5. Manages all aspects of the EM Training and Education Program. Determines requirements for training, facilities, space, equipment, visual aids, and supplies to support training requirements, and monitors the training and education program to ensure effective use of support items. Develops and distributes multimedia presentations, lesson plans, student note takers, educational pamphlets and handouts to support training efforts. Coordinates requirements with unit and staff agency training schedulers. Instructs indoor and outdoor training using lecture and demonstration-performance methods. Prepares and

maintains training documentation. Performs trend analysis on unit scheduling, attendance, and classroom utilization rates. Provides statistical data to senior leadership during the Installation Readiness and Emergency Management Working Group.

7.2.1.6. Determines requirements, develops budget, executes and monitors expenditures for EM materials and equipment. Ensures authorized and required CBRNE protective equipment and clothing, detection devices, and monitoring instruments are available, calibrated, and in serviceable, operating condition. Responsible for obtaining and maintaining communication equipment, global positioning system receivers, weather monitoring systems, computer modeling systems, and other response related equipment. Requisitions supplies and equipment. Maintains equipment, weapons, and munitions accounts. Maintains a mobile emergency operations center. Provides equipment availability and condition status to senior leadership during Installation Readiness and Emergency Management Working Group sessions.

7.2.1.7. Coordinates actions to ensure prompt response during EM operations including immediate mobilization of resources and participation of agencies and organizations. Provides technical advice to the Emergency Operations Center Director. Operates a mobile emergency operations center to provide a command and control platform for the Incident Commander. Establishes, monitors, and maintains an integrated CBRN detection, warning, and reporting system. Prepares manual and automated plume models for CBRN events. Determines contamination levels, identifies contaminated areas, and coordinates with Bio-Environmental Engineers to establish proper protective measures. Collects, prepares and ensures proper transport of samples from suspected CBRN events. Advises, directs, and supervises EM specialized teams and contamination control operations.

7.2.1.8. Performs Quality Assessment Evaluation; review Performance Work Statements (PWS) on non-technical contracts for contract compliance. Provides interface with host nations on maintenance requirements, purchase agreements, and service contracts when required to supplement contingency operations.

8. Skill/Career Progression. Adequate training and timely progression from the apprentice to the superintendent play an important role in the Air Force's ability to accomplish its mission. It is essential that everyone involved in training do his or her part to plan, manage, and conduct an effective training program. The guidance provided in this part of the CFETP will ensure each individual receives viable training at appropriate points in their career.

8.1. Apprentice (3-Level).

8.1.1. Upon completion of initial skills training a trainee will work with a trainer to enhance their knowledge and skills.

8.1.2. Complete mandatory CE Common Core Distance Learning product prior to ordering CDCs.

8.1.3. Utilize Career Development Course (CDC), Air Force Joint Qualification Training Packages (AFJQTPs), and other exportable courses to progress in the career field, to include the successful completion of applicable CerTests for diamond core tasks.

8.1.4. Once task certified, a trainee may perform the task unsupervised.

8.1.5. After all upgrade training requirements are complete, supervisors and Unit Training Managers (UTM) coordinate upgrade procedures.

NOTE: All trainees are automatically enrolled in the Community College of the Air Force (CCAF) when awarded their primary AFSC.

8.2. Journeyman (5-Level)

8.2.1. A Journeyman may be assigned job positions such as team leader, shift supervisor and task trainer.

8.2.2. Enter into continuation training to broaden experience base.

8.2.3. Must complete, as a minimum, twelve months OJT before award of the 5-level (nine months for re-trainees that were awarded a 5-level in a previous AFSC)

8.2.4. Attend the Airman Leadership School (ALS) after serving 48 months in the Air Force or selection to rank of SSgt (active duty only). In-residence or correspondence course is required for Air National Guard/Air Force Reserve Command (ANG/AFRC) personnel.

8.2.5. Use CDCs and other references identified by the AFCFM to prepare for Weighted Airman Promotion Systems (WAPS) testing.

8.2.6. Continue pursuing a Community College of the Air Force (CCAF) or higher degree.

8.2.7. Pursue career broadening opportunities that include, but are not limited to, special duty assignments such as an Emergency Management Technical Training Instructor at Fort Leonard Wood, Missouri or a Silver Flag Exercise Site Readiness Contingency Instructor at Tyndall AFB, Florida, Kadena AB, Japan, or Ramstein AB, Germany.

8.2.8. After all upgrade training requirements are completed; supervisors and UTMs coordinate upgrade procedures.

8.3. Craftsman (7-Level)

8.3.1. A Craftsman can expect to fill various supervisory and management positions such as shift leader, Readiness Expeditionary Engineer, team chief, supervisor, or task certifier.

8.3.2. Completion of CE Common Core 7-level Distance Learning Course.

8.3.3. 100% core/diamond task training is prerequisite to award of the 7-level.

8.3.4. Graduation from the 7-level in-resident course, if required when such course is developed and available.

8.3.5. Must complete a minimum of twelve months OJT before award of the seven level. Six months for Cross-trainees awarded a 7-level in a previous AFSC.

8.3.6. Craftsmen take continuation training courses or obtain added knowledge on management of resources and personnel.

8.3.7. Completion of education through CCAF and higher degree programs is appropriate.

8.3.8. Attend the Non-Commissioned Officer Academy (NCOA). In-residence or correspondence course is required for ANG/AFRC personnel.

8.3.9. Pursue career broadening opportunities that include, but are not limited to, special duty assignments such as an Emergency Management Technical Training Instructor at Fort Leonard Wood, Missouri or a Silver Flag Exercise Site Emergency Management Contingency Instructor at Tyndall AFB, Florida, Kadena AB, Japan, or Ramstein AB, Germany.

8.3.10. After all upgrade training requirements are completed; supervisors and UTMs coordinate upgrade procedures.

8.4. Superintendent (9-Level)

8.4.1 A 9-Level can be expected to fill positions such as flight chief, superintendent, and various staff positions.

8.4.2 Must be a Senior Master Sergeant (SMSgt) for award of the 9-skill level.

8.4.3 Completion of Civil Engineer Superintendent Course (AFIT WMGT 570) is highly encouraged for 9-level superintendents.

8.4.4 Should pursue increased knowledge of budget, manpower, resources, and personnel management.

8.4.5 After completion of CCAF, recommend the pursuit of additional higher education and completion of courses outside of their career AFS.

8.4.6 Completion of resident AF Senior NCO Academy (or equivalent Sister Service or Partner Nation Course) is required for promotion to SMSgt (active duty only). A percentage of top non-selects (for promotion to E-8) MSgts attend SNCOA each year. Either the in-residence or correspondence course is required for Air Force Reserve and Air National Guard.

8.5. Emergency Manager

8.5.1. Must be selected for CMSgt and possess qualifications as a 3E991.

8.5.2. Emergency managers work in a variety of similar jobs and functional areas where general managerial and supervisory abilities can be most effectively used and challenged.

8.5.3. Completion of the USAF Senior NCO Academy (SNCOA) In-residence Course is a prerequisite for CMSgt (active duty only). In-residence or correspondence course required for ANG/AFRC personnel.

8.5.4. Completion of the Chief Leadership Course is mandatory.

9. Training Decisions. The CFETP uses a building block approach (simple to complex) to encompass the entire spectrum of training requirements for the Emergency Management career field. The spectrum includes a strategy for when, where, and how to meet the training requirements. The strategy must be apparent and affordable to reduce duplication of training and eliminate a disjointed approach to training. The following chart depicts the building block approach.

9.1. Initial Skills Training. The 3-level apprentice course was reviewed for content. Additions, deletions, and modifications were made to the course using Contingency Ready Airman (CRA) as the guiding criteria. Core training tasks were identified.

9.2. Five Level Upgrade Training Requirements. Existing CDCs were reviewed to ensure only current material remained and new technology information was added.

Pyramid chart:
- EM Manager / MSgt - CMSgt — 9-Level & CEM
- EM Operations Planning & Directing / SSgt - MSgt — 7-Level
- Readiness and EM Flight Tasks & CBRN Reconnaissance Team Operations / AB - SSgt — 5-Level, 3-Level

9.3. Seven Level Upgrade Training Requirements. The 7-level craftsman course requirements were reviewed. It was determined that an in-residence course was still a necessity.

9.4. Proficiency Training. A common issue demonstrated during Operation DESERT STORM and most recently with Operation IRAQI FREEDOM was the lack of consistent proficiency throughout the 3E9 rank structure. Therefore, Emergency Management Career Field Manager has established a minimum standard set of reoccurring proficiency tasks at three different levels, on which Emergency management personnel must be proficient in order to meet deployment challenges. These levels use a building block approach. This requires that personnel must be proficient at the lower levels before they can advance to the higher levels. A number of the tasks identified as proficiency requirements have been identified as Status of Resources and Training System (SORTS) reportable requirements.

9.4.1. MAJCOMS and/or flight management has the flexibility to determine who is best suited as the certifier. Individual(s) identified by the commander as on-the-job training (OJT) certifiers also may serve as certifiers for the Emergency Management Proficiency Program. Another option is to utilize the Emergency management individual(s) who the commander has appointed as Exercise Evaluation Team (EET) representatives for evaluation purposes.

9.4.2. Emergency management personnel have a number of avenues/opportunities to complete the proficiency requirements. Requirements can be made part of the in-house training program, be evaluated as part of an EET exercise, part of the CE Prime BEEF Day (where it occurs), or part of the annual CE bivouac requirement. At the lower level certification is tied heavily to task performance while at the EM Manager level certification is relies more on knowledge, analysis, application, and proficiency.

9.4.3. This graphic represents the proficiency building block approach. Regardless if you are active duty, Guard or Reserve, the levels represent the standard you should strive to achieve. Ranks displayed in the chart demonstrate what is expected through a normal career path. That does not mean that a Master Sergeant cannot be certified at the Readiness and Emergency Management Flight Task & CBRN Reconnaissance Team Operations level. This is especially true of personnel who retrain into Emergency Management. Regardless of the trainee's rank, emphasis should be placed on meeting proficiency that is commensurate to their rank. Conversely, a sharp Senior Airman should be allowed to advance to the EM Operations Planning & Directing level.

9.4.4. The Emergency Management Proficiency Program serves as both a career field wide set of standards and provides the force with a career path to demonstrate where they should be in regards to their duties. The program also serves as incentive for those who want to advance personally and professionally and should be considered for inclusion into performance reports, awards programs, and for promotion considerations. It also provides an avenue to de-certify an individual if they cannot meet the standards. Failure or refusal to progress and maintain individual proficiency commensurate with rank may also be grounds for reduction in grade.

9.4.5. There are three AF Form 1098s tabs as part of AFTR that are designed to be utilized in identifying required Emergency Management Proficiency Program tasks:

AF Form 1098:	Established by:	Mandatory for:	Remarks:
Tab-1	Career Field Manager	all 3E9X1 personnel	Sets tasks at minimum standard
Tab-2	MAJCOM Functional Area Manger	3E9X1 personnel assigned to respective MAJCOM	Sets additional tasks above minimum standard
Tab-3	Unit Level Functional Area Manager	3E9X1 personnel assigned to respective unit	Sets additional tasks above minimum and MAJCOM standards

9.4.6. Items identified with an asterisk are deemed critical tasks. If a member fails to demonstrate proficiency in any critical area, he/she cannot be considered proficient at that level. Other tasks are important enough that they are required to be part of the program; but if an individual were unable to demonstrate proficiency in one of these areas, this does not automatically prevent him/her from being considered proficient at that level. It will be the judgment of the certifying official to determine if the individual were to fail more than one non-critical item as to whether that individual can still perform the duties required to meet the intent of the proficiency program.

10. Community College of the Air Force (CCAF). Enrollment in CCAF occurs upon award of primary AFSC. CCAF provides the opportunity to obtain an Associate of Applied Sciences Degree. In addition to its associate degree program, CCAF offers the following:

10.1. Occupational Instructor Certification. The instructor must be a full-time instructor teaching a CCAF course at an affiliated school at the time of nomination. Additionally, instructors should: Hold an associate or higher degree from an accredited institution. Complete a Teaching Internship of 12 semester hours. Complete an Instructor Methodology course of at least three semester hours. Have two years teaching experience as a CCAF instructor from the date assigned instructor duties. Hold the journeyman (5-skill level) or higher (or fully qualified equivalent) in an AFS and be recommended for certification by the affiliate school commander, commandant, or Professional Military Education (PME) flight chief.

10.2. Trade Skill Certification. When a CCAF student separates or retires, a trade skill certification is awarded for the primary occupational specialty. The College uses a competency based assessment process for trade skill certification at one of four proficiency levels: Apprentice, Journeyman, Craftsman (Supervisor), or Master Craftsman (Manager). All are transcribed on the CCAF transcript.

11. Degree requirements. The Emergency Management Associates Degree (9IMY) applies to the 3E9X1 career field. Individuals must hold the 5-skill level at the time of program completion. Degree programs consist of a minimum of 64 semester hours with requirements typically as shown below:

Subject/Course	Semester Hours
Technical Education	24
Leadership, Management, and Military Studies	6
Physical Education	4
General Education	15
Program Elective	15
Total	**64**

11.1. Technical Education Requirement (24 semester hours). A minimum of 12 semester hours of Technical Core subjects and courses must be applied and the remaining semester hours applied from Technical Core or Technical Elective subjects and courses.

Technical Core Area (12-24 semester hours)

Subject/Course	Maximum Semester Hours
CCAF Internship	18
Disaster Preparedness	6
Emergency Operations/Response	9
Emergency Planning	6
Environmental Science	10

Federal Emergency Management Agency Independent Study Program 12
Hazardous Materials 6
Instructor Fundamentals 6
Radiological Fundamentals 3
Risk Assessment 3
Warfare Defense 8

Technical Electives (0-12 semester hours)

Subject/Course	Maximum Semester Hours
Cartography/Map Reading	3
Civil Defense	3
Climatology/Meteorology	3
Computer Science	6
Emergency Information Systems	3
Exercise Design	3
General Chemistry	4
Industrial Safety/Hygiene	3
Inventory Management	3
Public Administration	3
Technical Writing	3
Tests and Measurements	3

11.2. Leadership, Management & Military Studies (6 semester hours). PME and/or civilian management courses.

11.3. Physical Education (4 semester hours). This requirement is satisfied by completion of Basic Military Training.

11.4. General Education (15 semester hours). Applicable courses must meet the criteria for application of courses to the General Education Requirements (GER) and be in agreement with the definitions of applicable General Education subject/courses as provided in the *CCAF General Catalog*.

General Education (15 semester hours)

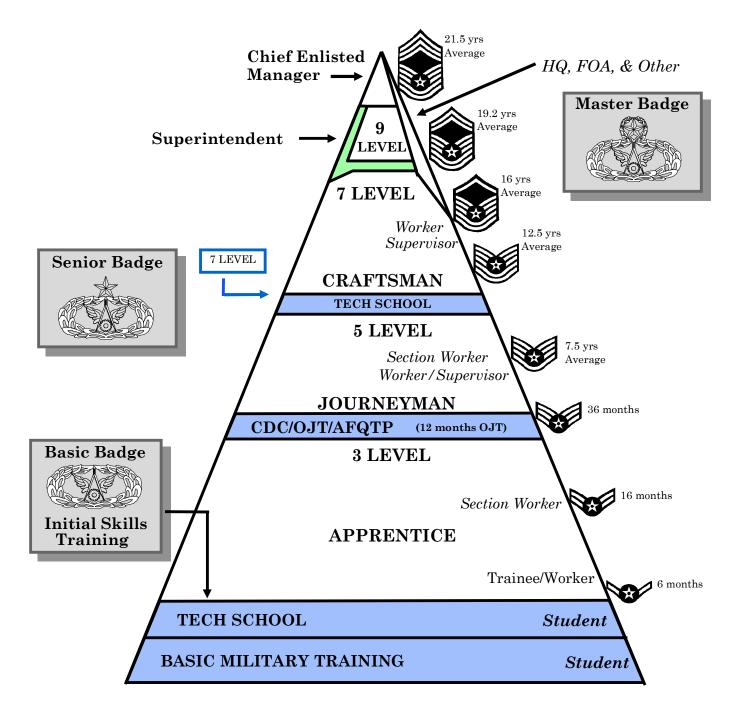| Subject/Course	Semester Hours
Oral Communication	**3**
Speech	
Written Communication	**3**

English Composition

Mathematics **3**
Intermediate algebra or a college-level mathematics course satisfying
delivering institution's mathematics graduation requirement-if an
acceptable mathematics course applies as technical or program elective,
you may substitute a natural science course for mathematics.

Social Science **3**
Anthropology, archaeology, economics, geography, government, history,
political science, psychology, sociology

Humanities **3**
Fine arts (criticism, appreciation, historical significance), foreign
language, literature, philosophy, religion

Total **15**

11.5. Program Elective (15 semester hours). Satisfied with applicable Technical Education; Leadership, Management, and Military Studies; or General Education subjects and courses, including natural science courses meeting GER application criteria. Six semester hours of CCAF degree applicable technical credit otherwise not applicable to this program may be applied.

11.6. Additional off-duty education is a personal choice that is encouraged for all. Individuals desiring to become an Air Education and Training Command Instructor should actively pursue an Associate's Degree. A degreed faculty is necessary to maintain accreditation through the Southern Association of Colleges and Schools.

12. Career Field Path. The following chart depicts this specialty's career field path.
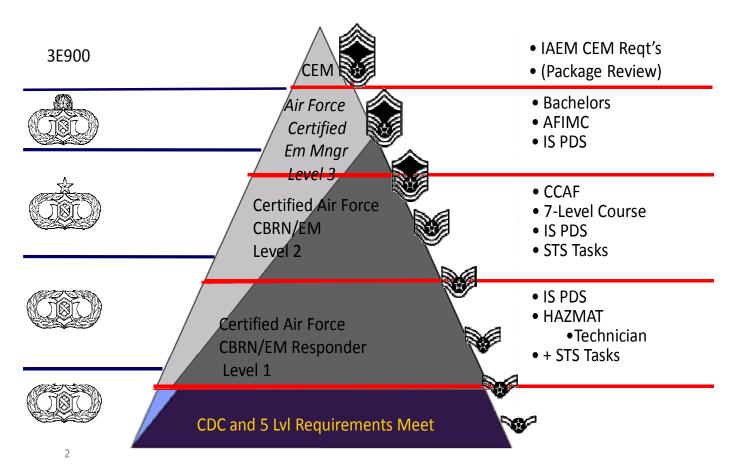
Emergency Management Enlisted Career Pyramid

Chief Enlisted Manager → 21.5 yrs Average

HQ, FOA, & Other

Superintendent → **9 LEVEL** — 19.2 yrs Average

Master Badge

7 LEVEL — 16 yrs Average

Worker Supervisor — 12.5 yrs Average

Senior Badge

7 LEVEL →

CRAFTSMAN

TECH SCHOOL

5 LEVEL

Section Worker Worker / Supervisor — 7.5 yrs Average

JOURNEYMAN

CDC/OJT/AFQTP (12 months OJT) — 36 months

3 LEVEL

Basic Badge

Initial Skills Training

Section Worker — 16 months

APPRENTICE

Trainee/Worker — 6 months

TECH SCHOOL *Student*

BASIC MILITARY TRAINING *Student*

12.1. Enlisted Career Path. The Air Force Certified Emergency Manager Program (AFCEMP) is comparable to the International Association of Emergency Managers (IAEM) "Certified Emergency Manager." This three-step building block program is internationally recognized and provides increased credibility, professional identity, career recognition, and enhanced career planning. The AFCEMP will help advance the Emergency Management profession through the development of partnerships and networks with other professional emergency responders. For specific AFCEMP requirements refer to the Readiness and Emergency Management Flight Community of Practice.

(https://afkm.wpafb.af.mil/ASPs/CoP/ClosedCoP.asp?Filter=OO-EN-CE-52)

AFCEMP Progression Pyramid

3E900

CEM

Air Force Certified Em Mngr Level 3

Certified Air Force CBRN/EM Level 2

Certified Air Force CBRN/EM Responder Level 1

CDC and 5 Lvl Requirements Meet

- IAEM CEM Reqt's
- (Package Review)

- Bachelors
- AFIMC
- IS PDS

- CCAF
- 7-Level Course
- IS PDS
- STS Tasks

- IS PDS
- HAZMAT
  - Technician
- + STS Tasks

2

12.2. CE Occupational Badge. The Civil Engineer occupational badge reflects a great history and tradition. By wearing it, you will be recognized by your fellow Airmen as having achieved an expected level of competence. The multitude of engineers before you established this expectation through excellent service in both peace and war. Eligibility criteria for award and wear of AF occupational badges can be found in AFI 36-2923, *Aeronautical, Duty, and Occupational Badges.*

Master
Worn as a master sergeant or above with 5 years in the specialty from award of the 7-skill level

Basic
Worn upon completion of technical school

Senior
Worn after award of the 7-skill level

CE Badge Heraldry

The gear wheel and compass have historically been used to represent the engineering profession, in both the military and civilian sector. The gear represents the essence of engineering: applying scientific principles and technology to practical ends. To Air Force engineers, the gear symbolizes an element (representing the built environment) that meshes with other environments (weapon systems and trained personnel) to enable the Air Force to perform its mission. The compass is a precision tool historically used by engineers in designing and constructing facilities and equipment. The gear and compass together symbolize all the diverse specialties within Air Force Civil Engineer. Finally, the wings help to portray the fundamental linkage between the engineering and aviation components; and that the built environment is the foundation supporting Air Force mission and people.

12.3. Emergency Management Career Field History. The history of the Air Force's Emergency Management program can be traced back through the people and the events that created the morphing effect resulting in the program as it exists today. When we discuss AF Emergency Management there are two aspects that are both separate and integrated simultaneously 1) the Emergency Management career field (the people) and 2) the Emergency Management program itself (the policies, equipment, and training aspects) that affect the entire Air Force. However, AF EM can be linked early on to the Army' Chemical Warfare Service in WW1 to counter the use of chemicals in the trenches of France. Congress made the CWS a permanent branch of the Army in 1920. Prior to

WWII the CWS became the Army's Chemical Corp. At the end of World War II, the US Army's Bomber Command was redesignated as the U.S. Army Strategic Air Command (SAC) and the Army's Chemical Corp units were assigned within SAC. Then in 1947, when the US Air Force became its own Service, the Air Force adopted chemical/biological units throughout the Air Force. Radiological was added later to ensure programs were established to protect against radiological effects.

The evolution from a managed program to an actual career field occurred when the Passive Defense career field was established in the 1950s assuming the ABC program. Each installation normally had one company grade officers and two or three Junior NCOs to ensure the base populace was prepared for nuclear attacks and forces were trained in chemical warfare defense. Within a few years, the program was renamed to the Disaster Control career field and picked up more responsibilities in the areas of natural disasters and major accident planning and response. In the 1960's the career field was again renamed, this time to Disaster Preparedness until the early 1990's when it was aligned under Civil Engineering and the enlisted AFSC was designated as 3E9X1, Readiness. The officer career field was dissolved and duties picked up by Civil Engineer Readiness Officers. The duties and responsibilities have changed and evolved somewhat; however, the most basic responsibility has remained focused on consolidating a single program, whether at the installation level, MAJCOM, or Air Staff, to prepare, plan, train, and equip personnel to respond to, maintain mission capability, and recover from contingencies worldwide.

Although the career field remained as Readiness, in 2003, the Disaster Preparedness Program was changed to Full Spectrum Threat Response program or FSTR. FSTR was defined as the single, integrated Air Force program to coordinate and organize efforts to manage, prepare for, respond to and recover from the direct and indirect consequences of an emergency or attack. The primary missions of the Air Force FSTR Program are to 1) save lives, 2) minimize the loss or degradation of resources and 3) continue, sustain, and restore combat and combat support operational capability in an "all hazards" physical threat environment at Air Force installations worldwide. The ancillary missions of the FSTR Program are to support homeland security operations and to provide support to civil and host-nation authorities in accordance with DoD directives and through the appropriate Combatant Command.

On 19 Apr 2007, Program Action Directive (PAD) 07-02 was signed by the CSAF implementing a number of Air Force Smart Operations (AFSO) 21 initiatives. In addition to the many changes directed by the PAD, the Civil Engineer Readiness Flight was redesignated as the Readiness and Emergency Management Flight. This action was followed with a change to AFSC 3E9X1 from "Readiness" to "Emergency Management".

| BASIC | SENIOR | MASTER |

12.4. Readiness Occupational Badge. The Readiness Occupational Badge reflects the achievements and laurels gained by our professionalism in Emergency Management, including CBRN defense, in peace and war. The threat of terrorist use of CBRN material has continued to increase throughout the world. In critical, life-threatening situations, any delay in conducting an efficient response could result in major loss of life or mass casualties. As readiness professionals, we work closely with other DoD, civil, and international CBRN specialists who recognize this insignia as a universal identifier. During Operations ENDURING FREEDOM and IRAQI FREEDOM, the US Air Force recognized the need for a means to identify the Emergency Management career field's unique capability and lobbied for adoption of the insignia. The Chief of Staff, Air Force approved the Readiness Occupational Badge on 7 February 2006. Wearing the badge in conjunction with the CE Occupational Badge shows our ties to CE and provides recognition for possessing distinctive, highly technical, and specialized CBRN defense capabilities.

12.4.1. Readiness Occupational Badge Heraldry. The Readiness Occupational Badge was officially introduced by the CSAF in Feb 06 with an official wear date of 1 Oct 06. Although the name of the AFS was changed from CE Readiness to Emergency Management in late 2007, the badge retains the designation of Readiness Occupational Badge. The badge uses the Air Force wreaths combined with basic insignia first adopted by the U.S. Army Chemical Service in 1917: two crossed retorts -- glass laboratory vessels used for hundreds of years -- placed behind a benzene ring, the molecular building block of many organic chemicals. The benzene ring signifies the molecular composition of the chemical benzene. It has six points for each atom of carbon and hydrogen, representing the basic elements of chemistry. These elements of design allude to our chemical-related functions and our deeply rooted history in the U.S. Army Air Corps to today's modern Air Force, The new badge has been in the works for four years and will help other services identify the readiness Airmen as CBRN defense experts. There are three levels of the badge -- basic, senior and master -- that represent increasing levels of time and expertise in the career field. Throughout history, there has been no way to identify United States Air Force CBRN defense technicians in a joint, combined or civil environment. The new Readiness Occupational Badge is similar to the badge used by the Army: It contains a retort, an emblem used by the U.S. government since World War I to symbolize chemical readiness. Wearing the chemical retort immediately identifies Emergency Management personnel as CBRN specialists and bridges the gap between joint, combined and civil operations, to facilitate operational effectiveness in an increasingly interoperable environment.

12.4.2. Readiness Occupational Badge Wear Criteria:

12.4.2.1. Basic Badge. The basic badge is awarded upon successful completion of the USAF Emergency Management Apprentice and CBRN Responder Courses at Ft Leonard Wood MO.

12.4.2.2. Senior Badge.   The senior badge adds a star above the basic badge. It is awarded after the member successfully completes all 7-level requirements.

12.4.2.3. Master Badge. The master badge adds a wreath and a star above the basic badge. It is awarded to master sergeants or above with 5 years in the specialty from award of the 7-skill level.

Section C – Skill Level Training Requirements

13. Purpose. Skill levels in the career field are defined in terms of tasks and knowledge requirements. This section outlines the specialty qualification requirements for each skill level in broad, general terms and establishes the mandatory requirements for entry, award, and retention of each skill level. The specific task and knowledge training requirements are identified in the STS at Part II, Section A and B to this CFETP.

14. Specialty Qualification Requirements.

14.1.   Apprentice (3-Level) Training Requirements. (3E931)

14.1.1.   Specialty Qualification.

14.1.1.1.   Knowledge. Knowledge is mandatory of the characteristics and effects of CBRNE weapons; detection and identification of CBRN contamination; threat analysis; passive defense measures; principles of contamination control; related technical information, policies, procedures, techniques, and equipment; and EM and contingency planning, training, operations, equipment supply procedures, directives, and policies. Must have a working knowledge in training and logistics regarding the AF EM program. This includes, but is not limited to: force beddown; phases of response; deployment operations; organizations for response; principles of mitigation preparedness, response and recovery from major accidents and natural disasters; CE contingency training, operations and equipment.

14.1.1.2.   Education. For entry into this specialty, completion of high school with courses in algebra, biology, chemistry, typing, computer operations, and speech are desirable.

14.1.1.3.   Training. Completion of the Emergency Management Apprentice Course and the CBRNE Responders Course are mandatory for award of this skill level.

14.1.1.4.   Experience. None required.

14.1.1.5.   Other. The *Air Force Enlisted Classification Directory* establishes minimum requirements for aptitude, physical profile series factors, and other AFS requirements or restrictions.

14.1.2.   Training Sources and Resources.

14.1.2.1.   Formal training is accomplished through the Emergency Management Apprentice Course at Fort Leonard Wood, MO.

14.1.2.2.   The Course Objective List (COL) (Part II, Section B of this CFETP) identifies all the knowledge and tasks, with their respective standards.

14.1.3. Implementation. Entry into training is accomplished by approved retraining from any AFSC or initial classification.

14.2. Journeyman (5-Level) Training Requirements. (3E951)

14.2.1. Specialty Qualification

14.2.1.1. Knowledge.

14.2.1.1.1. Knowledge is mandatory of the characteristics and effects of CBRNE weapons; detection and identification of CBRN contamination; threat analysis; passive defense measures; principles of contamination control; related technical information, policies, procedures, techniques, and equipment; and EM and contingency planning, training, operations, equipment supply procedures, directives, and policies.

14.2.1.1.2. Must have a working knowledge in training, planning, operations, and logistics regarding the AF EM program. This includes, but is not limited to: characteristics and effects of conventional and CBRNE weapons; detection, identification, and analysis of CBRN contamination; evaluation of passive defense measures; application of contamination control procedures; technical information, policies, procedures, and the latest full spectrum threat response techniques and equipment; CE contingency and deployment planning, training, operations, and equipment supply procedures, directives, and policies.

14.2.1.2. Education. N/A

14.2.1.3. Training. Completion of CDC 3E951, Emergency Management Journeyman.

14.2.1.4. Experience.

14.2.1.4.1. Qualification in and possession of AFSC 3E931.

14.2.1.4.2. Certification of all 5-level core tasks identified with an asterisk (*) in the 5-level core task column of the STS is mandatory.

14.2.1.4.3. Complete available QTPs for assigned core tasks and contingency war diamond (♦) **tasks** and tasks identified as part of the Emergency Management Proficiency Program as directed by the AFCFM.

14.2.1.4.4. Completion of CerTests for all contingency war diamond (♦) tasks with a minimum of 80% is mandatory.

14.2.1.4.5. Certification of duty position requirements identified by the supervisor is mandatory.

14.2.1.4.6.   Completion of HAZMAT Levels 1, 2, and 3 before beginning 5- level upgrade.

14.2.1.4.7.   Minimum 12 months on-the-job (OJT) training (9 months for re-trainees) before award of 5 skill level.

14.2.1.5.   Other.   The *Enlisted Classification Directory* establishes minimum requirements for aptitude, physical profile series factors, and other AFS requirements or restrictions.

14.2.2.   Training Sources and Resources.

14.2.2.1.   CDC 3E951, Emergency Management Journeyman.

14.2.2.2.   The STS (Part II, Section A of this CFETP) identifies the entire core task requirements for qualification in the individual's duty position.   An AF Form 1098 identifies additional Emergency Management proficiency task requirements for maintaining qualification in the individual's duty position.

14.2.2.3.   Qualified trainers provide upgrade and qualification training for duty positions, managed programs, and/or equipment to be used.

14.2.3.   Implementation.   Entry into formal Journeyman upgrade training is accomplished after individuals are assigned to their first duty station.   Qualification training is initiated any time individuals are assigned duties they are not qualified to perform.   Use OJT, CDCs, AFJQSs, and AFQTPs concurrently to obtain the necessary qualifications.

14.3.   Craftsman (7-Level) Training Requirements. (3E971)

14.3.1.   Specialty Qualification. All 5-level qualifications and completion of the 7 level common core CBT apply to 7-level requirements.

14.3.1.1.   Knowledge.

14.3.1.1.1.   Knowledge is mandatory of the characteristics and effects of CBRNE weapons; detection and identification of CBRN contamination; threat analysis; passive defense measures; principles of contamination control; related technical information, policies, procedures, techniques, and equipment; and EM and contingency planning, training, operations, equipment supply procedures, directives, and policies.

14.3.1.1.2.   Must have knowledge in the management of training, planning, operations, and logistics regarding the AF EM program.   This includes, but is not limited to: impact of conventional and CBRN weapon effects on military operations; detection,

identification, and analysis of CBRN contamination; evaluation of passive defense measures; management of contamination control operations; technical information, policies, procedures, and the latest full spectrum threat response techniques and equipment; management of mitigation, preparedness, response, and recovery efforts for major accidents and natural disasters; management of CE contingency and deployment planning, training, operations, and equipment supply procedures, directives, and policies.

14.3.1.2.   Education.

14.3.1.2.1.   To assume the grade of SSgt, individuals must successfully complete Airman Leadership school (active duty only).

14.3.1.2.2.   To assume the grade of MSgt, individuals must successfully complete the NCO Academy (active duty only).

14.3.1.2.3.   To assume the grade of SMSgt, individuals must successfully complete the in-residence SNCO Academy (active duty only).

14.3.1.2.4.   For ANG/AFRC, completion of Air Force Institute for Advanced Distributive Learning (A4L) courses 00001 (ALS) and 00006 D&E (NCO Academy) satisfy the requirements.

14.3.1.3.   Training.   Completion of in-residence Emergency Management Craftsman Course is mandatory.   Completion of 7-level CDCs will be mandatory upon implementation.

14.3.1.4.   Experience.

14.3.1.4.1.   Certification of all 5 and 7-skill level core tasks identified with an asterisk (*) 5 and 7-level core task column of the STS is mandatory.

14.3.1.4.2.   Completion of all core tasks identified with a double asterisk (**) in column 2 of the STS (Part II, Section A of this CFETP).

14.3.1.4.3.   Completion of all AFQTPs for assigned core and diamond (♦) tasks is mandatory as directed by the Career Field Manager and tasks part of the Emergency Management Proficiency Program.

14.3.1.4.4.   Completion of CerTests for all diamond (♦) tasks with a minimum of 80% is mandatory or as directed by the Career Field Manager.

14.3.1.4.5.   Certification of duty position requirements identified by supervisor is mandatory.

14.3.1.5.   Other.

14.3.1.5.1. The *Air Force Enlisted Classification Directory* establishes minimum requirements for aptitude, physical profile series factors, and other AFS requirements or restrictions.

14.3.1.5.2. Must be SSgt with a minimum of 12 months OJT before award of 7 skill level (6 months for Cross-trainees).

14.3.2. Training Sources and Resources.

14.3.2.1. Formal training is accomplished through Emergency Management Craftsman Course at Fort Leonard Wood, MO.

14.3.2.2. The STS (Part II, Section A of this CFETP) identifies the entire core task requirements for qualification in the individual's duty position. An AF Form 1098 identifies additional Emergency Management proficiency task requirements for maintaining qualification in the individual's duty position.

14.3.2.3. Qualified trainers provide upgrade and qualification training for duty positions, managed programs, and/or equipment to be used.

14.3.3. Implementation. Entry into 7-level training is initiated when an individual is selected for SSgt and is fully qualified in AFSC 3E951. Qualification training is initiated any time individuals are assigned duties they are not qualified to perform. Use OJT, CDCs, AFJQSs, and AFQTPs concurrently to obtain the necessary qualifications.

14.4. Superintendent (9-Level) Training Requirements. (3E991)

14.4.1. Specialty Qualification.

14.4.1.1. Knowledge.

14.4.1.1.1. Knowledge is mandatory of the characteristics and effects of CBRNE weapons; detection and identification of CBRN contamination; threat analysis; passive defense measures; principles of contamination control; related technical information, policies, procedures, techniques, and equipment; and EM and contingency planning, training, operations, equipment supply procedures, directives, and policies.

14.4.1.1.2. Must have an in-depth knowledge in the management of training, planning, operations, and logistics regarding the AF EM program. This includes, but is not limited to: impact of conventional and CBRN weapon effects on military operations; detection, identification, and analysis of CBRN contamination; joint and combined military operations; evaluation of passive defense measures; management of contamination control operations; technical information, policies, procedures, and the latest full spectrum threat response techniques and equipment; management of mitigation,

preparedness, response, and recovery efforts for major accidents and natural disasters; planning, programming, and budgeting system; research, development, & acquisition (RD&A) process; management of CE contingency and deployment planning, training, operations, and equipment supply procedures, directives, and policies.

14.4.1.2.   Education. Civil Engineer Superintendent Course, WMGT 570, conducted at Air Force Institute of Technology, Wright-Paterson AFB, OH is highly recommended.

14.4.1.3.   Training. Completion of all 7-level qualifications is mandatory.

14.4.1.4.   Experience.

14.4.1.4.1.   Qualification in and possession of 3E971.

14.4.1.4.2.   When available, completion of the AFQTPs for tasks identified as part of the Emergency Management Proficiency Program.

14.4.1.4.3.   Completion of duty position requirements identified by supervisor.

14.4.1.5. Other.   The *Enlisted Classification Directory* establishes minimum requirements for aptitude, physical profile series factors, and other AFS requirements or restrictions.

14.4.2.   Training Sources and Resources.

14.4.2.1.   AF Form 1098 identifies task requirements for maintaining qualification in the individual's duty position.

14.4.2.2.   Qualified trainers provide qualification training for duty positions, managed programs, and/or equipment to be used.

14.4.3.   Implementation. Entry into 9-level training is initiated when an individual is selected for SMSgt and is fully qualified in AFS 3E971. Qualification training is initiated any time individuals are assigned duties they are not qualified to perform. Use OJT, AFJQSs, and AFQTPs concurrently to obtain the necessary qualifications.

14.5.   Emergency Manager Training Requirements. (3E900)

14.5.1.   Specialty Qualification.

14.5.1.1.   Knowledge.

14.5.1.1.1.   Knowledge is mandatory of the characteristics and effects of CBRNE weapons; detection and identification of CBRN contamination; threat analysis; passive defense measures; principles of contamination control; related technical information,

policies, procedures, techniques, and equipment; and EM and contingency planning, training, operations, equipment supply procedures, directives, and policies.

14.5.1.1.2. Must have an in-depth knowledge in all aspects of training, planning, operations, and logistics regarding the AF EM program. This includes, but is not limited to: impact of conventional and CBRN weapon effects on military operations; analysis of CBRN contamination; joint and combined military planning and operations; evaluation and implementation of passive defense measures; management of contamination control operations; technical information, policies, procedures, and the latest full spectrum threat response techniques and equipment; management of mitigation, preparedness, response, and recovery efforts for major accidents and natural disasters; planning, programming, and budgeting system; research, development, & acquisition (RD&A) process; management of CE contingency and deployment planning, training, operations, and equipment supply procedures, directives, and policies.

14.5.1.2. **Education.** Must attend the Chiefs Leadership School located at Maxwell AFB AL (active duty only).

14.5.1.3. **Training.** Not required.

14.5.1.4. **Experience.**

14.5.1.4.1. Qualification in and possession of 3E991.

14.5.1.4.2. When available, completion of the AFQTPs for tasks identified as part of the Emergency management Proficiency Program.

14.5.1.5. **Other**. The *Enlisted Classification Directory* establishes minimum requirements for aptitude, physical profile series factors, and other AFS requirements or restrictions.

14.5.2. **Training Sources and Resources**.

14.5.2.1. AF Form 1098 identifies task requirements for maintaining qualification in the individual's duty position.

14.5.2.2. Qualified trainers provide qualification training for duty positions, managed programs, and/or equipment to be used.

14.5.3. **Implementation.** Entry into Emergency Manager 3E900 is initiated when an individual is selected for CMSgt and is fully qualified in AFS 3E991. Qualification training is initiated any time individuals are assigned duties they are not qualified to perform. Use OJT, AFJQSs, and AFQTPs concurrently to obtain the necessary qualifications.

Section D – Resource Constraints

15. Purpose. This section identifies known resource constraints that preclude optimal and desired training from being developed or conducted, including information such as cost and manpower. Narrative explanations of each resource constraint and an impact statement describing what effect each constraint has on training are included. Also included in this section are actions required, office of primary responsibility, and target completion dates. Resource constraints will be, as a minimum, reviewed annually by HQ AFCESA and HQ AETC.

15.1. Apprentice (3-Level) Training. None

15.2. Journeyman (5-Level) Training. None

15.3. Craftsman (7-Level) Training. None

Section E – Transitional Training Guide

16. There are currently no transition training requirements. This section is reserved.

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PART II

Section A – Specialty Training Standard

17.   Implementation. This STS will be used for technical training provided by AETC for the 3-level course with the class beginning 5 October 2009 and graduating 23 January 2010 and the 7-level course with the class beginning 12 April 2010 and graduating 23 April 2010.

18.   Purpose. As prescribed in AFI 36-2201, Volume 5, *Air Force Training Program, Career Field Education and Training*, this STS:

18.1.   Lists in Column 1 (Tasks, Knowledge, and Technical Reference) the most common tasks, knowledge, and technical references (TR) necessary for Airmen to perform duties in the 3, 5, and 7-skill level.

18.2.   Lists in Column 2 (Core Tasks) identifies core tasks (specialty-wide training requirements) by an asterisk (*). **As a minimum, trainees must complete all core and critical tasks for skill level upgrade.**

18.2.1.   Tasks identified by a diamond (♦) are considered contingency/war tasks for both the 5- and 7-skill level and are extremely important to the career field. Equipment shortfalls at most locations however, have created problems with the actual hands-on certification of these tasks. In instances where required equipment is not available for instruction, completion of the task's AFQTP and passing the corresponding CerTest (if developed) is all that is required for upgrade and qualification training.

18.3.   Provides **certification for OJT.** Column 3 is used to record completion of tasks and knowledge training requirements. If available, use automated training management systems to document technician qualifications. **Task certification** of core and critical tasks require a training completion date and initials of the trainee, trainer, and certifier. All non-core tasks require training completion date and initials of the trainee and trainer only.

18.4.   Shows **formal training and correspondence course** requirements. Column 4 shows the proficiency to be demonstrated on the job by the graduate as a result of training on the task and knowledge and the career knowledge provided by formal courses, CDCs, ADLS, and AFQTPs.

18.5.   Identifies qualitative requirements. **Attachment 1** contains the proficiency code key used to indicate the level of training and knowledge provided by ADLS, resident training, and career development courses.

18.6.   Is used to document task when placed in AF Form 623, *On-The-Job Training Record*, and used according to AFI 36-2201, Volume 3, *Air Force Training Program, On The Job Training Administration*.

18.7. Becomes a Job Qualification Standard (JQS) for on-the-job training when placed in AF Form 623, Individual Training Record, and used according to AFI 36-2201. For OJT, the tasks in Column 1 are trained and qualified to the go/no go level. Go means the individual can perform the task without assistance and meets local requirements for accuracy, timeliness, and correct use of procedures. AFQTPs, when available, shall be used to identify Air Force standardized procedures. When used as a JQS, the following documentation applies:

18.7.1. **Documentation.** Document and certify completion of training.

18.7.1.1. Identify **current duty position requirements** by circling the subparagraph number or letter next to the task statement**. Additionally, all core and diamond (♦) identified tasks should be circled.** Document task completion by annotating columns 3A, 3B, 3C, and 3D, as appropriate. *Note*: All entries shall be made in pencil.

18.7.1.2. Enter the start date of the AFQTP on the AFQTP documentation record. Once completed enter the completion date. When **hands-on** training is started and/or completed annotate the STS accordingly.

18.7.1.3. **Transcribing from old document to CFETP.** Use the new STS to identify and certify all current and past task qualifications.

18.7.1.4. **For tasks previously certified and still required in the current duty position:**

18.7.1.4.1. **For core and critical tasks,** the trainer and certifier evaluates airman's current qualifications and validates airman's ability to complete the task. The certifier and trainee then enter their initials and new certified date.

18.7.1.4.2. **For non-core duty position tasks,** the trainer evaluates the airman's current qualifications and validates the airman's ability to complete the task. The current date is entered in column 3B and the trainee and trainer enter their initials in columns 3C and 3D, respectively.

18.7.1.4.3. Annotate the AF Form 623a, (for example, "I certify the information contained in the CFETP dated XX was transcribed to the CFETP dated XX, and the trainee was given the superseded CFETP." Supervisor and trainee sign and date the statement).

18.7.1.5. **To transcribe previous certifications for tasks not required in the current duty position,** carry forward only the previous completion dates (not the initials of another person). If and when these tasks become a duty position requirement, recertify with current date and trainee, trainer and certifier initials.

18.7.2. Documenting Career Knowledge. When a CDC is not available, the supervisor identifies STS training references that the trainee requires for career knowledge IAW 36-2201 Vol 3 and ensures, as a minimum, that trainees cover all mandatory items specified in, Enlisted Classification Directory. For two-time CDC exam

failures, the unit commander will take appropriate action IAW AFI 36-2201 Vol 3. **NOTE:** Career knowledge must be documented prior to submitting a CDC waiver.

18.7.3. Decertification and Recertification. When an airman is found to be unqualified on a task, the supervisor shall erase previous certification and enter airman into qualification training. Appropriate remarks are entered on the AF Form 623a, On-The-Job Training Record Continuation Sheet, as to the reason for decertification. The individual is recertified using the normal certification process.

18.8. The STS is a guide for development of promotion tests used in the Weighted Airman Promotion System (WAPS). Specialty Knowledge Tests (SKTs) are developed at the USAF Occupational Measurement Squadron by senior NCOs with extensive practical experience in their career field. The tests sample knowledge of STS subject matter areas judged by test development team members as most appropriate for promotion to higher grades. Questions are based upon study references listed in the WAPS catalog. Individual responsibilities are in Chapter 1of AFI 36-2605, Air Force Military Personnel Testing System. WAPS is not applicable to the Air National Guard or Air Reserve Forces.

19. Recommendations. AETC welcomes comments and recommendations concerning the quality of training AETC graduates receive. Reference specific STS paragraphs and address correspondence regarding changes to 782 TRG/TGAV, 620 9th Avenue, Suite 3, Sheppard AFB TX 76311-2268. For supervisors' convenience a Customer Service Information Line (CSIL) has been installed to expedite feedback on graduates who may have received over or under training on task/knowledge items listed in this training standard. For a quick response to problems, call our CSIL at DSN 736-2574 or email 782TRG/CSIL@sheppard.af.mil, any time day or night.

BY ORDER OF THE SECRETARY OF THE AIR FORCE

OFFICIAL   LOREN M. RENO, Lt Gen, USAF
                                            Logistics, Installation and Mission Support

3 Attachments:
1. STS 3E9X1
2. AFQTP Tracker
3. Abbreviations and Terms Explained

This block is for identification purposes only.		
Name of Trainee		
Printed Name (Last, First, Middle)	**Initials (Written)**	**Last 4 of SSAN**
Printed Names and Written Initials of Training and Certifying Officials		
N/I	N/I	
N/I	N/I	
N/I	N/I	
N/I	N/I	
N/I	N/I	
N/I	N/I	
N/I	N/I	

Note: If additional space is required, place continuation sheet behind the CFETP.

Qualitative Requirements

Proficiency Code Key			
		Scale Value	Definition: The individual:
Task Performance Levels		1	Can do simple parts of the task. Needs to be told or shown how to do most of the task. (Extremely limited)
		2	Can do most parts of the task. Needs help only on hardest parts. (Partially proficient)
		3	Can do all parts of the task. Needs only a spot check of completed work. (Competent)
		4	Can do the complete task quickly and accurately. Can tell or show others how to do the task. (Highly proficient)
* Task Knowledge Levels		a	Can name parts, tools, and simple facts about the task. (Nomenclature)
		b	Can determine step-by-step procedures for doing the task. (Procedures)
		c	Can identify why and when the task must be done and why each step is needed. (Operating principles)
		d	Can predict, isolate, and resolve problems about the task. (Advanced theory)
* * Subject Knowledge Levels		A	Can identify basic facts and terms about the subject. (Facts)
		B	Can identify relationship of basic facts and state general principles about the subject. (Principles)
		C	Can analyze facts and principles and draw conclusions about the subject. (Analysis)
		D	Can evaluate conditions and make proper decisions about the subject. (Evaluation)

Explanations

* A task knowledge scale value may be used alone or with a task performance scale value to define a level of knowledge for a specific task. (Example: "b" and "1b")

** A subject knowledge scale value is used alone to define a level of knowledge for a subject not directly related to any specific task, or for a subject common to several tasks.

- This mark is used alone instead of a scale value to show that no proficiency training is provided in the course or CDC.

/X This mark is used in course columns to show that training is required but not given due to resource constraints (Example "3c/X").
/ Lower code (3c/2b) indicates that a task is being trained to a level that is lower than required.

Δ The triangle symbol indicates that a QTP is available for the given task.

Note 1: Task Knowledge gained at Basic Military Training will not be repeated during resident technical training.

Note 2: Underlined training references are commercial publications or other publications essential for enlisted specialty training and mission accomplishment.

Note 3: Items located in column 4 of the STS that list a National Fire Protection Agency (NFPA) standard as a technical reference, the supporting knowledge/tasks, and their associated behaviors are found in the referenced NFPA standard. These items will not include a proficiency code, but will be trained in the resident J9ABA3E931 00RA Emergency Management Apprentice 4K-F24/494-F29 follow on ITRO Consolidated CBRN Responder Course taught at the Army Chemical School, Fort Leonard Wood, MO, to a level that meets minimum requirements as defined by HQ AFCESA/CEXR. Note 3 is referenced as N3 in the STS.

Note 4: Items located in column 4 of the STS referenced as N4 are required for 5 skill level and are accessed through the Federal Emergency Management Agency (FEMA) Independent Study Program website.

Note 5: Items located in column 4 of the STS referenced as N5 are required for 7 skill level and are accessed through the Federal Emergency Management Agency (FEMA) Independent Study Program website.

Note 6: Trainers are responsible for annotating references to identify current sources pending STS revision.

Note 7: AFQTPs are provided through multiple delivery systems (paper-based, computer-based, web-based, and/or video). Completion is required for upgrade or qualification. Access the Air Force Portal [My Workspace; Emergency Management] for the most current AFQTPs.

Note 8: Annotate AFQTP completion on the AFQTP Documentation Record (attachment 2 of Part II of the CFETP) and maintain the completed documentation form in the trainee's records.

Note 9: Changes in reference materials are on-going, if a reference is in question contact the HQ AFCESA Reach-Back Center via email at afcesar@tyndall.af.mil for updated reference(s).

1. Tasks, Knowledge And Technical References	2. Core Tasks			3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)							
	A	B	C	A	B	C	D	E	A 3 Skill Level		B 5 Skill Level			C 7 Skill Level		
	3 Lvl	5 Lvl	7 Lvl	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Course	(2) D/L	(1) CDC	(2) D/L	(3) QTP	(1) CDC	(2) D/L	(3) Course
1. CE Organization and Career Field Structure TR: AFDD 2-4, AFI 10-209, AFI 10-210, AFI 10-211																
1.1 Civil Engineer (CE) structure									-	A	B	-	-	-	-	-
1.2 Progression in career ladder									-	A	B	-	-	-	-	-
1.3 Duties and responsibilities																
1.3.1 Peacetime									-	A	B	-	-	-	-	-
1.3.2 Contingency									-	A	B	-	-	-	-	-
1.4 Functions of:																
1.4.1 BCE									-	A	B	-	-	-	-	-
1.4.2 Prime BEEF									-	A	B	-	-	-	-	-
1.4.3 RED HORSE									-	A	B	-	-	-	-	-
1.4.4 HQ ANG/AFRC									-	A	B	-	-	-	-	-
1.4.5 Air Force Civil Engineer Support Agency (HQ AFCESA)									-	-	A	-	-	-	B	-
1.4.6 HQ Air Force Center For Engineering and the Environment (HQ AFCEE)									-	-	-	-	-	-	A	-
1.4.7 Air Force Institute of Technology (AFIT)									-	-	-	-	-	-	A	-
1.4.8 AFRL									-	-	-	-	-	-	A	-
1.5 Resources																
1.5.1 Assess manpower requirements									-	-	-	-	-	-	b	-
1.5.2 Identify budget requirements									-	-	-	-	-	-	b	-
1.5.3 Determine equipment requirements									-	-	-	-	-	-	b	-
1.5.4 Use Allowance Standards (AS)									-	-	-	-	-	-	b	-

1. Tasks, Knowledge And Technical References	2. Core Tasks			3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)							
	A	B	C	A	B	C	D	E	A 3 Skill Level		B 5 Skill Level			C 7 Skill Level		
	3 Lvl	5 Lvl	7 Lvl	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Course	(2) D/L	(1) CDC	(2) D/L	(3) QTP	(1) CDC	(2) D/L	(3) Course
1.6 Research, Development, and Acquisition (RD&A) TR: DoDD 5000.1, AFI 63-118																
1.6.1 Process									-	-	-	B	-	-	B	-
1.6.2 Unit responsibilities									-	-	-	B	-	-	B	-
1.6.3 Major command responsibilities									-	-	-	B	-	-	B	-
1.6.4 Assess vehicle requirements									-	-	-	b	-	-	b	-
1.6.5 Requesting contract services									-	-	-	b	-	-	b	-
1.6.6 Requesting Simplified Acquisition of Base Engineering Requirements (SABER) contract									-	-	-	b	-	-	b	-
1.6.7 Geo Base Technologies									-	-	B	B	-	-	B	-
1.7 Quality Assurance Personnel (QAP) duties TR: Federal Acquisition Regulation Part 37.6.; AFI 63-124; AFPAM 32-1004 V2																
1.7.1 Evaluate contractor's performance									-	-	-	-	-	-	-	-
1.7.2 Document contractor's performance									-	-	-	-	-	-	-	-
1.7.3 Maintain surveillance documentation									-	-	-	-	-	-	-	-
2. Supervision TR: AFI 36-2201, AFI 36-2406, AFI 36-3401, *Air Force Enlisted Classification Directory*																
2.1 Orient new personnel									-	-	-	-	-	-	b	-
2.2 Assign personnel to work crew									-	-	-	-	-	-	b	-
2.3 Coordinate work assignments									-	-	-	-	-	-	b	-
2.4 Schedule work assignments and priorities									-	-	-	-	-	-	b	-
2.5 Establish:																
2.5.1 Work methods									-	-	-	-	-	-	b	-
2.5.2 Controls									-	-	-	-	-	-	b	-
2.5.3 Performance standards									-	-	-	-	-	-	b	-
2.5.4 Evaluate work performance of subordinate personnel									-	-	-	-	-	-	b	-
2.5.5 Resolve technical problems for subordinate personnel									-	-	-	-	-	-	b	-
2.5.6 Direct projects									-	-	-	-	-	-	b	-
3. Training TR: AFI 36-2101, AFI 36-2201, AFPD 36-22, *Air Force Enlisted Classification Directory*																
3.1 Evaluate personnel to determine need for training									-	-	a	-	-	-	b	-
3.2 Enlisted specialty training supervision																
3.2.1 Prepare job qualification standards									-	-	a	-	-	-	b	-
3.2.2 Conduct training									-	-	a	-	-	-	b	-
3.2.3 Counsel trainees on their progress									-	-	a	-	-	-	b	-
3.3 Monitor training effectiveness																
3.3.1 Career knowledge									-	-	a	-	-	-	b	-
3.3.2 Job proficiency upgrade									-	-	a	-	-	-	b	-
3.3.3 Qualification									-	-	a	-	-	-	b	-
3.3.4 Maintain training records									-	-	a	-	-	-	b	-
3.3.5 Evaluate training programs effectiveness									-	-	a	-	-	-	b	-
3.3.6 Recommend people for training									-	-	a	-	-	-	b	-
3.3.7 AETC Training Management System (Training Allocation)									-	-	A	-	-	-	B	-
3.3.8 Managing Certification and Testing (CerTest)									-	-	A	-	-	-	B	-
3.3.9 National/DoD Certification requirements									-	-	A	-	-	-	B	-

1. Tasks, Knowledge And Technical References	2. Core Tasks			3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)							
	A	B	C	A	B	C	D	E	A 3 Skill Level		B 5 Skill Level			C 7 Skill Level		
	3 Lvl	5 Lvl	7 Lvl	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Course	(2) D/L	(1) CDC	(2) D/L	(3) QTP	(1) CDC	(2) D/L	(3) Course
3.3.10 Air Force Qualification Training Package (AFQTP) requirements									-	-	A	-	-	-	B	-
4. Environmental Awareness and Compliance TR: AFPD 32-70, AFI 32-7045, EO 12856																
4.1 Environmental Compliance (ECAMP)									-	-	A	-	-	-	B	-
4.2 Environmental Protection Agency (EPA)									-	-	A	-	-	-	B	-
5. CE Management																
5.1 Customer relationships									-	A	B	-	-	-	-	-
5.2 Work identification and authorization									-	-	A	-	-	-	B	-
5.3 Plan work requirements									-	-	A	-	-	-	b	-
5.4 Plan logistics support (CEMAS, BOM)									-	-	A	-	-	-	b	-
5.5 Government Purchase Card (GPC) Program									-	-	A	-	-	-	B	-
5.6 Maintain Recurring Work Program (RWP)									-	-	A	-	-	-	b	-
5.7 Scheduling/time accounting									-	-	A	-	-	-	b	-
5.8 Warranty and Guarantee Program									-	-	A	-	-	-	B	-
5.9 Property accountability									-	-	A	-	-	B	B	-
5.10 Air Force Comprehensive Plan									-	-	A	-	-	-	B	-
5.11 Legal limits									-	-	A	-	-	-	B	-
5.12 Mark "As Built" drawings									-	-	A	-	-	-	b	-
5.13 Reimbursements procedures									-	-	A	-	-	-	B	-
5.14 CE Specific Automated Systems (Computer) Capability																
5.14.1 Perform inputs									-	-	a	-	-	-	b	-
5.14.2 Maintain files									-	-	a	-	-	-	b	-
5.14.3 Develop automated reports									-	-	a	-	-	-	b	-
5.14.4 Extract automated reports									-	-	a	-	-	-	b	-
5.14.5 Perform automated data analysis									-	-	-	-	-	-	b	-
5.14.6 Host Tenant and Inter-service Agreements									-	-	-	-	-	-	-	-
5.14.7 Civil Engineer Civilian Management									-	-	-	-	-	-	-	-
5.14.8 AFTR									-	-	-	-	-	-	-	-
5.14.9 ACES PR (For Squadron Prime BEEF Management)									-	-	-	-	-	-	-	-
6. AF Occupational Safety and Health (AFOSH) Program TR: AFI 91-301, AFI 91-302, AFOSHSTD 91-501																
6.1 Supervisory responsibilities									-	-	B	-	-	-	-	-
6.2 Hazardous materials waste handling									-	-	B	-	-	-	-	-
6.3 Lead-based paint (LBP) hazard TR: 29-CFR 1926.									-	-	B	-	-	-	-	-
6.4 Asbestos awareness									-	-	B	-	-	-	-	-
7. Publications																
7.1 Military									-	-	B	-	-	-	-	-
7.2 Commercial									-	-	B	-	-	-	-	-
7.3 Engineering Technical Letters (ETL)									-	-	A	-	-	-	B	-
8. Emergency Management (EM) Program TR: AFPD 32-40, AFPD 10-25, AFPD 10-26, AFI 10-2501																
8.1 Principles of Emergency Mgt																
8.1.1 Emergency Management Career Field History									A	-	B	-	-	-	-	-
8.1.2 Major Program Directives									A	-	B	-	-	-	-	-

1. Tasks, Knowledge And Technical References	2. Core Tasks			3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)							
	A	B	C	A	B	C	D	E	A 3 Skill Level		B 5 Skill Level			C 7 Skill Level		
	3 Lvl	5 Lvl	7 Lvl	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Course	(2) D/L	(1) CDC	(2) D/L	(3) QTP	(1) CDC	(2) D/L	(3) Course
8.1.3 Phases of Incident Management									A	-	B	-	-	-	-	-
8.1.4 EM Program Guidelines (NIMS/AFIMS)									A	-	B	-	-	-	-	C
8.1.5 SAV Program Management																
8.1.5.1 Process									-	-	B	-	-	-	-	-
8.1.5.2 Identify program deficiencies									-	-	B	-	-	-	-	2b
8.1.5.3 Recommend corrective action									-	-	B	-	-	-	-	2b
8.2 Planning and Management																
8.2.1 EM Working Group									-	-	B	-	-	-	-	-
8.2.2 Unit EM Rep									-	-	B	-	-	-	-	-
8.2.3 Installation Emergency Manager									-	-	B	-	-	-	-	-
8.2.4 EET									-	-	B	-	-	-	-	-
8.3 Disaster Response Force & Associated Response Capabilities																
8.3.1 UCC									A	-	B	-	-	-	-	-
8.3.2 IC									A	-	B	-	-	-	-	-
8.3.2.1 First Responders									A	-	B	-	-	-	-	-
8.3.2.2 Emergency Responders									A	-	B	-	-	-	-	-
8.3.3 EOC									A	-	B	-	-	-	-	-
8.3.3.1 Common Operating Picture									A	-	B	-	-	-	-	-
8.3.3.2 Emergency Support Functions									-	-	B	-	-	-	-	-
8.3.4 ICC									-	-	B	-	-	-	-	-
8.3.4.1 Commander's Senior Staff									-	-	B	-	-	-	-	-
8.3.4.2 Emergency Communications Center									-	-	B	-	-	-	-	-
8.3.5 Specialized Teams									A	-	B	-	-	-	-	-
9. EM Organizations and Responsibilities TR: AFPD 10-25, AFPD 10-26, AFI 10-2501																
9.1 Air Force Structure (HQ AF, Air Staff, AFCESA, MAJCOMS, Numbered AF, DRU, FOA, and Wing)									A	-	B	-	-	-	-	B
9.2 CE Structure (BCE, CE Flights, Readiness/EM Flight, ARC Readiness & EM Flights)									A	-	B	-	-	-	-	-
9.3 Related Wing Support Agencies									A	-	B	-	-	-	-	C
10. Capabilities of other EM & CBRN Organizations																
10.1 Local Organizations and Responsibilities																
10.1.1 Local Emergency Management Organizations									-	-	B	-	-	B	-	-
10.2 State Organizations and Responsibilities																
10.2.1 State Emergency Management Organizations									-	-	B	-	-	B	-	-
10.3 Federal Organizations and Responsibilities																
10.3.1 Federal Agencies (DHS, FEMA, DOS, DOJ, DOE, etc.)									-	-	B	-	-	B	-	-
10.4 DoD Organizations and Responsibilities																
10.4.1 Armed Services Specific CBRN Organizations and Capabilities									-	-	B	-	-	B	-	-
10.4.2 Joint Organizations									-	-	B	-	-	B	-	-
10.4.3 Joint Commands									-	-	B	-	-	B	-	-
10.4.4 Combatant Commands									-	-	B	-	-	B	-	-
10.4.4.1 Organizational Structure									-	-	A	-	-	B	-	-
10.5 Combined Commands																

1. Tasks, Knowledge And Technical References	2. Core Tasks			3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)							
	A	B	C	A	B	C	D	E	A 3 Skill Level		B 5 Skill Level			C 7 Skill Level		
	3 Lvl	5 Lvl	7 Lvl	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Course	(2) D/L	(1) CDC	(2) D/L	(3) QTP	(1) CDC	(2) D/L	(3) Course
10.5.1 North American Treaty Organization (NATO) (Allied Forces)									-	-	B	-	-	B	-	-
10.5.2 Coalition Forces									-	-	B	-	-	B	-	-
10.6 Non-Governmental and Private Organizations																
10.6.1 Contract and Private Organizations									-	-	B	-	-	B	-	-
10.6.2 Coordinating and Requesting Response Capabilities									-	-	B	-	-	-	-	2b
11. Readiness and Emergency Management Flight Management and Operations																
11.1 Readiness and Emergency Management Flight Management																
11.1.1 Readiness and Emergency Management Flight Structure									A	-	B	-	-	-	-	-
11.1.2 Readiness and Emergency Management Flight Responsibilities									A	-	B	-	-	-	-	-
11.2 Readiness and Emergency Management Related Meetings																
11.2.1 Determine briefing topics									-	-	B	-	-	-	-	-
11.2.2 Conduct meeting/briefing									-	-	B	-	-	-	-	-
11.2.3 Prepare documentation / Conduct Follow up									-	-	B	-	-	-	-	-
11.3 Resource Management TR: AFMAN 10-401 Vol. 1, AFI 65-601 Vol. 1, AFI 65-601 Vol. 2																
11.3.1 Principles									-	-	A	-	-	-	-	B
11.3.2 Determine Requirements									-	-	A	-	-	-	-	B
11.3.3 Coordinate									-	-	A	-	-	-	-	B
11.3.4 Prepare/Justify Inputs									-	-	A	-	-	-	-	2b
11.3.5 Monitor Execution									-	-	A	-	-	-	-	B
11.3.6 Maintain Resources (Real World/Training)									-	-	A	-	-	-	-	B
11.3.7 Turn in Resources									-	-	A	-	-	-	-	B
11.4 Prime BEEF Program TR: AFI 10-201, AFI 10-403, AFI 10-210, AFI 10-403, AFI 23-226, AFH 10-416, AFI 10-602, AFI 10-215, AFI 25-101, WMP-1 Annex S																
11.4.1 Personnel Deployment																
11.4.1.1 Personnel Accountability Documents (Such as MRRR/DRMD or related automated products)									A	-	B	-	-	-	-	-
11.4.1.2 Recall Procedures and Pyramid Alerting									A	-	B	-	-	-	-	-
11.4.1.3 UTC Posturing																
11.4.1.3.1 Identify procedures to posture teams and CE substitution rules									1a	-	B	-	-	-	-	-
11.4.1.3.2 Utilize Personnel Products (Such as Air Force Personnel Desire List (AFPDL))									1a	-	A	-	-	-	-	-
11.4.1.3.3 Courier Requirements									A	-	B	-	-	-	-	-
11.4.2 Equipment Deployment																
11.4.2.1 UTC Specific Requirements/Inventory									A	-	B	-	-	-	-	-
11.4.2.2 Prime BEEF Pallets									-	-	B	-	-	-	-	-

1. Tasks, Knowledge And Technical References	2. Core Tasks			3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)							
	A	B	C	A	B	C	D	E	A 3 Skill Level		B 5 Skill Level			C 7 Skill Level		
	3 Lvl	5 Lvl	7 Lvl	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Course	(2) D/L	(1) CDC	(2) D/L	(3) QTP	(1) CDC	(2) D/L	(3) Course
11.4.2.3 Hazardous Cargo Documentation									A	-	A	-	-	-	-	-
11.4.2.4 Load List									A	-	B	-	-	-	-	-
11.4.2.5 Redeployment Package									A	-	B	-	-	-	-	-
11.4.2.6 WRM Concepts									A	-	B	-	-	-	-	-
11.4.3 Unit Deployment Management																
11.4.3.1 Installation Deployment Orders									B	-	B	-	-	-	-	-
11.4.3.2 Schedule of Events									B	-	B	-	-	-	-	-
12. EM Planning TR: AFI 10-210, AFI 10-211, AFI 32-7062, AFI 10-403, AFI 10-404, AFI 10-503, AFI 10-602, , AFPAM 32-4013, AFMAN 10-401 Vol. 1-2, AFPAM 10-219 Vol. 2, AFPAM 10-219 Vol. 5 AFI 10-2501																
12.1 Principles																
12.1.1 Capabilities Based Planning									-	-	A	-	-	-	-	B
12.2 Hazard Analysis Process																
12.2.1 Hazard Identification (Threat Assessment)									A	-	B	-	-	B	-	-
12.2.2 Vulnerability Analysis									A	-	B	-	-	B	-	-
12.2.3 Risk Assessment									A	-	B	-	-	B	-	-
12.2.4 Conduct Hazard Analysis									-	-	-	-	-	-	-	3c
12.3 Planning for Emergency Response to Physical Threats																
12.3.1 Natural Disaster									A	-	B	-	-	-	-	-
12.3.2 Major Accidents									A	-	B	-	-	-	-	-
12.3.3 Conventional Attack									A	-	B	-	-	-	-	-
12.3.4 Terrorist Attack									A	-	B	-	-	-	-	-
12.3.5 CBRN Attack									A	-	B	-	-	-	-	-
12.4 EM Response																
12.4.1 Provide inputs to required reports (AAR, OPREP)									-	-	B	-	-	-	-	-
12.4.2 Develop inputs to recovery plans									-	-	B	-	-	-	-	-
12.4.3 Phases of Incident Management											-	-				
12.4.3.1 Prevention									A	-	B	-	-	-	-	-
12.4.3.2 Preparation									A	-	B	-	-	-	-	-
12.4.3.3 Response (Installation Eight Step Response Process)									A	-	B	-	-	-	-	2b
12.4.3.4 Recovery									A	-	B	-	-	-	-	-
12.4.3.5 Mitigation									A	-	B	-	-	-	-	-
12.5 Natural Disasters																
12.5.1 Policies and shelter concepts									-	-	B	-	-	-	-	-
12.5.2 Peacetime alert warning system									-	-	B	-	-	-	-	-
12.5.3 Response																
12.5.3.1 Notification									-	-	B	-	-	-	-	-
12.5.3.2 Response									-	-	B	-	-	-	-	-
12.5.3.3 Withdrawal/Evacuation									-	-	B	-	-	-	-	-
12.6 Major Accident																
12.6.1 Policies									-	-	B	-	-	-	-	-
12.6.2 Concepts									-	-	B	-	-	-	-	-
12.6.3 Response																
12.6.3.1 Notification									-	-	B	-	-	-	-	-
12.6.3.2 Response									-	-	B	-	-	-	-	-
12.6.3.3 Withdrawal/Evacuation									-	-	B	-	-	-	-	-
12.7 Terrorist Use of CBRNE																

1. Tasks, Knowledge And Technical References	2. Core Tasks			3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)							
	A	B	C	A	B	C	D	E	A 3 Skill Level		B 5 Skill Level			C 7 Skill Level		
	3 Lvl	5 Lvl	7 Lvl	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Course	(2) D/L	(1) CDC	(2) D/L	(3) QTP	(1) CDC	(2) D/L	(3) Course
12.7.1 Special Considerations																
12.7.1.1 Asymmetric Challenges (Impact on S4 Ops, unknown agents, payload for modeling, etc)		*							A	-	B	-	-	-	-	b
12.7.1.2 Evaluate the installation response capability									-	-	B	-	-	-	-	2b
12.7.2 Response																
12.7.2.1 Notification									-	-	B	-	-	-	-	-
12.7.2.2 Response									-	-	B	-	-	-	-	-
12.7.2.3 Withdrawal/Evacuation									-	-	B	-	-	-	-	-
12.8 CBRNE Attack Actions (Nation State)																
12.8.1 Concepts of Operations									A	-	B	-	-	-	-	-
12.8.2 Response																
12.8.2.1 Pre-attack									A	-	B	-	-	B	-	-
12.8.2.2 Trans-attack									A	-	B	-	-	B	-	-
12.8.2.3 Post-Attack									A	-	B	-	-	B	-	-
12.8.2.4 Perform pre-, trans-, post attack actions									1a	-	-	-	-	-	-	-
12.8.2.5 Provide tailored pre-, trans-, post attack guidance									-	-	-	-	-	-	-	3c
12.9 Nuclear Weapon Accident																
12.9.1 USAF Response Concept (IRB, RTF, etc)									A	-	B	-	-	-	-	-
12.9.2 Hazards of nuclear weapons accidents									A	-	B	-	-	-	-	-
12.9.3 Response																
12.9.3.1 Notification									-	-	B	-	-	-	-	-
12.9.3.2 Response									-	-	B	-	-	-	-	-
12.9.3.3 Withdrawal/Evacuation									-	-	B	-	-	-	-	-
12.10 Installation Capabilities Assessment																
12.10.1 First Responders									-	-	B	-	-	-	-	-
12.10.2 Emergency Responders									-	-	B	-	-	-	-	-
12.10.3 Other Agencies (On/Off Installation)									-	-	B	-	-	-	-	-
12.10.4 Alert Warning Systems									-	-	B	-	-	-	-	-
12.10.5 Installation Training									-	-	B	-	-	-	-	-
12.10.6 Mutual Support Agreements/MOU's									-	-	B	-	-	-	-	-
12.10.7 Protective Actions									-	-	B	-	-	-	-	-
12.11 Installation Plans																
12.11.1 Develop Comprehensive EM Plan 10-2									-	-	B	-	-	-	-	2b
12.11.2 Develop input to Base Civil Engineer Contingency Response Plan									-	-	B	-	-	-	-	-
12.11.3 Develop base directives and supplements to Readiness and Emergency Management related publications									-	-	B	-	-	-	-	-
12.11.4 Review Emergency Management and CBRN publications									-	-	B	-	-	-	-	B
12.11.5 Develop input to IGESP/ESP									-	-	A	-	-	B	-	-
12.11.6 Develop input to joint support plan									-	-	A	-	-	B	-	-
12.11.7 Coordinate on other installation plans									-	-	A	-	-	-	-	-
12.12 Shelter Planning																
12.12.1 Principles of Planning																
12.12.1.1 Principles									A	-	-	-	-	B	-	-
12.12.1.2 Determine requirements									-	-	A	-	-	B	-	-
12.12.1.3 Develop plan									-	-	A	-	-	B	-	-

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	3 Lvl	5 Lvl	7 Lvl	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Course	(2) D/L	(1) CDC	(2) D/L	(3) QTP	(1) CDC	(2) D/L	(3) Course
12.12.1.4 Identify deficiencies									-	-	A	-	-	B	-	-
12.12.1.5 Advise On CBRN Exposure Control Actions									-	-	B	-	-	B	-	-
12.12.2 Implement Operation																
12.12.2.1 Activate shelter teams									-	-	A	-	-	-	-	-
12.12.2.2 Monitor shelter status									-	-	A	-	-	-	-	-
12.12.3 Exercises and Evaluations									-	-	-	-	-	-	-	-
12.12.3.1 Exercise Evaluation Team (EET) program overview									-	-	B	-	-	-	-	-
12.12.3.2 Exercise evaluation team chief advisement									-	-	B	-	-	-	-	-
12.12.3.3 Prepare exercise objectives									-	-	B	-	-	-	-	B
12.12.3.4 Evaluate exercises									-	-	B	-	-	-	-	B
12.12.3.5 Prepare report inputs									-	-	B	-	-	-	-	B
12.12.3.6 Participate in critiques and debriefings									-	-	B	-	-	-	-	-
13. Emergency Management Training TR: AFMAN 36-2236, AFI 10-2501																
13.1 Instructor Fundamentals																
13.1.1 Instructor responsibilities									A	-	B	-	-	-	-	-
13.1.2 Types of instruction									A	-	B	-	-	-	-	-
13.1.3 Instructional aids									A	-	B	-	-	-	-	-
13.1.4 Develop and personalize presentations									-	-	-	-	-	-	-	-
13.2 Conduct/Evaluate/Document																
13.2.1 Determine installation training requirements									-	-	B	-	-	-	-	-
13.2.2 Prepare Schedule									-	-	B	-	-	-	-	-
13.2.3 Conduct EM Training		*							1a	-	B	-	-	-	-	-
13.2.4 Knowledge based tests									-	-	B	-	-	-	-	-
13.2.5 Performance Tests									A	-	B	-	-	-	-	-
13.2.6 Use lecture method									-	-	-	-	-	-	-	-
13.2.7 Use demonstration performance method									-	-	-	-	-	-	-	-
13.2.8 Document training									-	-	B	-	-	-	-	-
13.2.9 Develop trend analysis									-	-	B	-	-	-	-	-
13.2.10 Conduct in-house training									-	-	B	-	-	-	-	-
13.3 Emergency Management Training																
13.3.1 CBRNE Defense Courses									-	-	A	-	-	-	-	-
13.3.2 Unit EM Representative									-	-	A	-	-	-	-	-
13.3.3 Exercise Evaluation Team (EET)									-	-	A	-	-	-	-	-
13.3.4 Unit Control Center (UCC)									-	-	A	-	-	-	-	-
13.3.5 Readiness and Emergency Management Support Team									-	-	A	-	-	-	-	-
13.3.6 Contamination Control Team (CCT)									-	-	A	-	-	-	-	-
13.3.7 Shelter Management Team (SMT)									-	-	A	-	-	-	-	-
13.3.8 Explosive Ordinance Reconnaissance (EOR)									-	-	A	-	-	-	-	-
13.3.9 Contamination Control Area (CCA)									-	-	A	-	-	-	-	-
13.3.10 Post-Attack Reconnaissance (PAR)									-	-	A	-	-	-	-	-
13.3.11 Emergency Response Operations (ERO)									-	-	A	-	-	-	-	-
13.3.12 Base Emergency Preparedness Orientation (BEPO)									-	-	A	-	-	-	-	-

1. Tasks, Knowledge And Technical References	2. Core Tasks			3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)							
	A	B	C	A	B	C	D	E	A 3 Skill Level		B 5 Skill Level			C 7 Skill Level		
	3 Lvl	5 Lvl	7 Lvl	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Course	(2) D/L	(1) CDC	(2) D/L	(3) QTP	(1) CDC	(2) D/L	(3) Course
13.4 Training Munitions and Devices TR: AFI 32-4006, AFMAN 91-201, TO 11C5-5-2-7, TO 11-1-35, TO 11C5-5-3-7																
13.4.1 CN/CS tear training agent									-	-	B	-	-	-	-	-
13.4.2 Ground burst simulators									-	-	-	-	-	-	-	-
13.4.3 Smoke grenades									-	-	-	-	-	-	-	-
13.4.4 Camphor									-	-	B	-	-	-	-	-
13.4.5 Isoamyl acetate									-	-	B	-	-	-	-	-
13.4.6 Stannic chloride									-	-	B	-	-	-	-	-
13.4.7 Forecast munitions requirements									-	-	B	-	-	-	-	-
13.5 ACES-PR																
13.5.1 Principles									-	-	-	-	-	-	-	-
13.5.2 Operate									-	-	-	-	-	-	-	-
13.6 HAZMAT Emergency Response Training TR: NFPA Standard 472, 2002 Edition; NFPA Standard 1561, 1990 Edition, and the current edition of the Emergency Response Guidebook																
13.6.1 Level I - Awareness		*							N3	-	-	-	-	-	-	-
13.6.2 Level II - Operations		*							N3	-	-	-	-	-	-	-
13.6.3 Level III - Technician		*							N3	-	-	-	-	-	-	-
13.6.4 Level V - Incident Command									-	-	-	-	-	-	-	-
14. Federal Emergency Management Agency (FEMA) Independent Study Courses																
14.1 IS-1 Emergency Manager: An Orientation to the Position									-	-	-	N4	-	-	-	-
14.2 IS-2 Radiological Emergency Management									-	-	-	-	-	-	-	-
14.3 IS-5 An Introduction to Hazardous Materials									-	-	-	-	-	-	-	-
14.4 IS-100 Introduction to Incident Command System									-	-	-	N4	-	-	-	-
14.5 IS-120 An Introduction to Community Disaster Exercises									-	-	-	-	-	-	N5	-
14.6 IS-139 Exercise Design (Professional Development Series)									-	-	-	-	-	-	N5	-
14.7 IS-200 ICS for Single Resources and Single Action Incidents									-	-	-	-	-	-	-	-
14.8 IS-230 Principles of Emergency Management (Professional Development Series)									-	-	-	N4	-	-	-	-
14.9 IS-235 Emergency Planning (Professional Development Series)									-	-	-	-	-	-	N5	-
14.10 IS-240 Leadership and Influence (Professional Development Series)									-	-	-	-	-	-	N5	-
14.11 IS-241 Decision Making and Problem Solving (Professional Development Series)									-	-	-	-	-	-	N5	-
14.12 IS-242 Effective Communication (Professional Development Series)									-	-	-	-	-	-	N5	-
14.13 IS-244 Developing and Managing Volunteers									-	-	-	-	-	-	-	-
14.14 IS-271 Anticipating Hazardous Weather and Community Risk									-	-	-	-	-	-	N5	-

1. Tasks, Knowledge And Technical References	2. Core Tasks			3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)							
	A	B	C	A	B	C	D	E	A 3 Skill Level		B 5 Skill Level			C 7 Skill Level		
	3 Lvl	5 Lvl	7 Lvl	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Course	(2) D/L	(1) CDC	(2) D/L	(3) QTP	(1) CDC	(2) D/L	(3) Course
14.15 IS-275 The EOC's Role in Community Preparedness, Response and Recovery Activities									-	-	-	N4	-	-	-	-
14.16 IS-292 Disaster Basics									-	-	-	N4	-	-	-	-
14.17 IS-301 Radiological Emergency Response									-	-	-	-	-	-	-	-
14.18 IS-324 Community Hurricane Preparedness									-	-	-	-	-	-	-	-
14.19 IS-546 Continuity of Operations (COOP) Awareness Course									-	-	-	-	-	-	N5	-
14.20 IS-547 Introduction to Continuity of Operations (COOP)									-	-	-	-	-	-	N5	-
14.21 IS-700 National Incident Management System (NIMS), An Introduction									-	-	-	N4	-	-	-	-
14.22 IS-800A National Response Plan (NRP), An Introduction									-	-	-	N4	-	-	-	-
14.23 Federal Emergency Management Agency (FEMA) ICS Courses																
14.23.1 ICS-300 Intermediate ICS for Expanding Incidents									-	-	-	-	-	-	-	-
14.23.2 ICS-400 Advanced ICS for Emergency Managers									-	-	-	-	-	-	-	-
15. CBRN Response Equipment																
15.1 Protective Masks TR: TO 14P3-1-141, TO 14P4-1-151, TO 14P4-15-1, TO 14P4-18-1, TO 14P4-18-2, TO 33A4-7-10-1																
15.1.1 MCU-2 Series Protective Mask																
15.1.1.1 Principles									B	-	B	-	-	-	-	-
15.1.1.2 Inspect/Maintain		*							3c	-	-	-	-	-	-	-
15.1.1.3 Operate		*							3c	-	-	-	-	-	-	-
15.1.2 M45 Protective Mask																
15.1.2.1 Principles									B	-	B	-	-	-	-	-
15.1.2.2 Inspect/Maintain		*							3c	-	-	-	-	-	-	-
15.1.2.3 Operate		*							1a	-	-	-	-	-	-	-
15.1.3 Joint Service Protective Mask (JSGPM)																
15.1.3.1 Principles									B	-	B	-	-	-	-	-
15.1.3.2 Inspect/Maintain		*							3c	-	-	-	-	-	-	-
15.1.3.3 Operate		*							1a	-	-	-	-	-	-	-
15.1.4 Joint Service Chemical Environment Survivability Mask (JSCESM)																
15.1.4.1 Principles									-	-	-	-	-	-	-	-
15.1.4.2 Inspect/Maintain									-	-	-	-	-	-	-	-
15.1.4.3 Operate									-	-	-	-	-	-	-	-
15.1.5 Protective Mask Second Skins																
15.1.5.1 Principles									A	-	B	-	-	-	-	-
15.1.5.2 Inspect/Maintain									A	-	-	-	-	-	-	-
15.1.5.3 Operate									A	-	-	-	-	-	-	-
15.1.6 Joint Service Mask Leakage Tester (JSMLT)																
15.1.6.1 Principles									A	-	-	-	-	-	-	-
15.1.6.2 Inspect/Maintain									-	-	-	-	-	-	-	-
15.1.6.3 Operate									-	-	-	-	-	-	-	-

1. Tasks, Knowledge And Technical References	2. Core Tasks			3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)							
	A	B	C	A	B	C	D	E	A 3 Skill Level		B 5 Skill Level			C 7 Skill Level		
	3 Lvl	5 Lvl	7 Lvl	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Course	(2) D/L	(1) CDC	(2) D/L	(3) QTP	(1) CDC	(2) D/L	(3) Course
15.2 CBRN Protective Clothing TR: NFPA Standard 472, 2002 Edition; NFPA Standard 1561, 1990 Edition, and the current edition of the Emergency Response Guidebook																
15.2.1 Protective Clothing Levels																
15.2.1.1 Level A																
15.2.1.1.1 Principles									N3	-	B	-	-	B	-	-
15.2.1.1.2 Inspect/Maintain									N3	-	-	-	-	-	-	c
15.2.1.1.3 Operate		*							N3	-	-	-	-	-	-	3c
15.2.1.2 Level B																
15.2.1.2.1 Principles									N3	-	B	-	-	B	-	-
15.2.1.2.2 Inspect/Maintain									N3	-	-	-	-	-	-	c
15.2.1.2.3 Operate		*							N3	-	-	-	-	-	-	3c
15.2.1.3 Level C (such as GCE)																
15.2.1.3.1 Principles									B	-	B	-	-	B	-	-
15.2.1.3.2 Inspect/Maintain									2b	-	-	-	-	-	-	c
15.2.1.3.3 Operate		*							2b	-	-	-	-	-	-	3c
15.2.1.4 Level D																
15.2.1.4.1 Principles									B	-	B	-	-	B	-	-
15.2.1.4.2 Inspect/Maintain									2b	-	-	-	-	-	-	c
15.2.1.4.3 Operate		*							2b	-	-	-	-	-	-	3c
15.2.2 Joint Firefighter's Integrated Response Ensemble (J-FIRE)																
15.2.2.1 Principles									B	-	B	-	-	-	-	-
15.2.2.2 Inspect/Maintain									-	-	-	-	-	-	-	-
15.2.2.3 Operate									-	-	-	-	-	-	-	-
15.2.3 Radiological Anti-Contamination Suit TR: DoD 3150.8-M																
15.2.3.1 Principles									B	-	B	-	-	-	-	-
15.2.3.2 Inspect/Maintain									b	-	-	-	-	-	-	-
15.2.3.3 Operate									b	-	-	-	-	-	-	-
16. Detection Equipment TR: Applicable Technical Orders or Commercial Publications																
16.1 Chemical Warfare & TIC/TIM																
16.1.1 Detector, Gas (MultiRae)																
16.1.1.1 Principles									B	-	B	-	-	B	-	-
16.1.1.2 Inspect/Maintain		*							2b	-	-	-	Δ	-	-	3c
16.1.1.3 Operate		*	*						2b	-	-	-	Δ	-	-	3c
16.1.2 Civil Defense SIMULTEST (CDS) Kit (WMD)																
16.1.2.1 Principles									B	-	B	-	-	B	-	-
16.1.2.2 Inspect/Maintain		*							2b	-	-	-	-	-	-	3c
16.1.2.3 Operate		*	*						2b	-	-	-	-	-	-	3c
16.1.3 CHEM/BIO Sampling Kit (Quicksilver Kit)																
16.1.3.1 Principles									B	-	B	-	-	B	-	-
16.1.3.2 Inspect/Maintain		*							2b	-	-	-	-	-	-	3c
16.1.3.3 Operate		*	*						2b	-	-	-	-	-	-	3c
16.1.4 Spectrometer, Ahura First Defender																
16.1.4.1 Principles									B	-	B	-	-	B	-	-
16.1.4.2 Inspect/Maintain		*							2b	-	-	-	Δ	-	-	3c

1. Tasks, Knowledge And Technical References	2. Core Tasks			3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)							
	A	B	C	A	B	C	D	E	A 3 Skill Level		B 5 Skill Level			C 7 Skill Level		
	3 Lvl	5 Lvl	7 Lvl	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Course	(2) D/L	(1) CDC	(2) D/L	(3) QTP	(1) CDC	(2) D/L	(3) Course
16.1.4.3 Operate		*	*						2b	-	-	-	Δ	-	-	3c
16.1.5 PH Paper																
16.1.5.1 Principles									A	-	B	-	-	-	-	-
16.1.5.2 Inspect/Maintain									1a	-	-	-	-	-	-	1a
16.1.5.3 Operate									1a	-	-	-	-	-	-	1a
16.1.6 HAZMAT ID																
16.1.6.1 Principles									B	-	B	-	-	B	-	-
16.1.6.2 Inspect/Maintain		*							2b	-	-	-	Δ	-	-	3c
16.1.6.3 Operate		*	*						2b	-	-	-	Δ	-	-	3c
16.1.7 Automated Chemical Agent Vapor Detector																
16.1.7.1 M4 Joint Chemical Agent Detector (JCAD) TR: TM 3-6665-355-10																
16.1.7.1.1 Principles									B	-	B	-	-	-	-	-
16.1.7.1.2 Inspect/Maintain		*							2b	-	-	-	-	-	-	2b
16.1.7.1.3 Operate		*							2b	-	-	-	-	-	-	2b
16.1.7.2 M22 Automatic Chemical Agent Alarm (ACAA) TR: TO 11H2-23-1																
16.1.7.2.1 Principles									B	-	B	-	-	-	-	-
16.1.7.2.2 Inspect/Maintain		*							b	-	-	-	Δ	-	-	-
16.1.7.2.3 Operate		*							b	-	-	-	Δ	-	-	-
16.1.7.3 Chemical Agent Monitor (CAM) or Improved Chemical Agent Monitor (ICAM) TR: TO 11H2-20-1, TO 11H2-20-11																
16.1.7.3.1 Principles									B	-	B	-	-	-	-	-
16.1.7.3.2 Inspect/Maintain		*							b	-	-	-	Δ	-	-	-
16.1.7.3.3 Operate		*							b	-	-	-	Δ	-	-	-
16.1.8 Manual Chemical Agent Vapor Detector																
16.1.8.1 M256A1 Chemical Agent Detector Kit TR: TO 11H2-21-1																
16.1.8.1.1 Principles									A	-	B	-	-	-	-	-
16.1.8.1.2 Inspect/Maintain									1a	-	-	-	-	-	-	2b
16.1.8.1.3 Operate									1a	-	-	-	-	-	-	2b
16.1.9 Manual Chemical Agent Liquid Detector																
16.1.9.1 M8 Chemical Agent Paper TR: TO 11H2-14-5-1																
16.1.9.1.1 Principles									A	-	B	-	-	-	-	-
16.1.9.1.2 Inspect/Maintain									1a	-	-	-	-	-	-	1a
16.1.9.1.3 Operate									1a	-	-	-	-	-	-	1a
16.1.9.2 M9 Chemical Agent Detector Paper TR: TO 11H2-2-21																
16.1.9.2.1 Principles									A	-	B	-	-	-	-	-
16.1.9.2.2 Inspect/Maintain									1a	-	-	-	-	-	-	1a
16.1.9.2.3 Operate									1a	-	-	-	-	-	-	1a
16.2 Biological TR: Applicable Technical Orders or Commercial Publications																
16.2.1 Air Sampling System (BioCapture 650)																
16.2.1.1 Principles									B	-	B	-	-	B	-	-
16.2.1.2 Inspect/Maintain		*							2b	-	-	-	Δ	-	-	3c
16.2.1.3 Operate		*	*						2b	-	-	-	Δ	-	-	3c

1. Tasks, Knowledge And Technical References	2. Core Tasks			3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)							
	A	B	C	A	B	C	D	E	A 3 Skill Level		B 5 Skill Level			C 7 Skill Level		
	3 Lvl	5 Lvl	7 Lvl	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Course	(2) D/L	(1) CDC	(2) D/L	(3) QTP	(1) CDC	(2) D/L	(3) Course
16.2.2 Dry Filter Unit, DFU 1000																
16.2.2.1 Principles									B	-	B	-	-	B	-	-
16.2.2.2 Inspect/Maintain		*							2b	-	-	-	-	-	-	3c
16.2.2.3 Operate		*	*						2b	-	-	-	-	-	-	3c
16.2.3 DoD Biological Sampling Kit																
16.2.3.1 Principles									B	-	B	-	-	B	-	-
16.2.3.2 Inspect/Maintain		*							2b	-	-	-	-	-	-	3c
16.2.3.3 Operate		*							2b	-	-	-	-	-	-	3c
16.2.4 Portal Shield System																
16.2.4.1 Principles									A	-	-	-	-	-	-	-
16.2.4.2 Inspect/Maintain									-	-	-	-	-	-	-	-
16.2.4.3 Operate									-	-	-	-	-	-	-	-
16.3 Nuclear and Radiological TR: Applicable Technical Orders or Commercial Publications																
16.3.1 High Volume Air Sampler (RADeCO)																
16.3.1.1 Principles									B	-	B	-	-	B	-	-
16.3.1.2 Inspect/Maintain		*							2b/b	-	-	-	-	-	-	3c
16.3.1.3 Operate		*	*						2b/b	-	-	-	-	-	-	3c
16.3.2 Calibrator, Air Flow, Digital																
16.3.2.1 Principles									B	-	B	-	-	B	-	-
16.3.2.2 Inspect/Maintain		*							2b	-	-	-	-	-	-	3c
16.3.2.3 Operate		*	*						2b	-	-	-	-	-	-	3c
16.3.3 Handheld Isotope Identifier (GR-135)																
16.3.3.1 Principles									B	-	B	-	-	B	-	-
16.3.3.2 Inspect/Maintain		*							2b	-	-	-	-	-	-	3c
16.3.3.3 Operate		*	*						2b	-	-	-	-	-	-	3c
16.3.4 ADM 300 Multi-Function Survey Meter																
16.3.4.1 Principles									B	-	B	-	-	B	-	-
16.3.4.2 Inspect/Maintain		*							2b	-	-	-	-	-	-	3c
16.3.4.3 Operate		*	*						2b	-	-	-	-	-	-	3c
16.4 Multi-use CBRN Equipment																
16.4.1 Contamination Avoidance																
16.4.1.1 NBC Contamination Marking Kit TR: TO 11D1-3-10-1																
16.4.1.1.1 Principles									A	-	-	-	-	-	-	-
16.4.1.1.2 Inspect/Maintain									1a	-	-	-	-	-	-	-
16.4.1.1.3 Operate									1a	-	-	-	-	-	-	-
16.4.2 Collective Protection Systems																
16.4.2.1 Fixed facilities																
16.4.2.1.1 Principles									A	-	-	-	-	-	-	-
16.4.2.1.2 Inspect/Maintain									-	-	-	-	-	-	-	-
16.4.2.1.3 Operate									-	-	-	-	-	-	-	-
16.4.2.2 Transportable																
16.4.2.2.1 Principles									A	-	-	-	-	-	-	-
16.4.2.2.2 Inspect/Maintain									-	-	-	-	-	-	-	-
16.4.2.2.3 Operate									-	-	-	-	-	-	-	-
16.4.3 Contamination Control																
16.4.3.1 Decontamination Kit																
16.4.3.1.1 M-291 Skin Decontaminating Kit TR: TO 11D1-1-131																
16.4.3.1.1.1 Principles									A	-	B	-	-	-	-	-
16.4.3.1.1.2 Inspect/Maintain									1a	-	-	-	-	-	-	1a

1. Tasks, Knowledge And Technical References	2. Core Tasks			3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)							
	A	B	C	A	B	C	D	E	A 3 Skill Level		B 5 Skill Level			C 7 Skill Level		
	3 Lvl	5 Lvl	7 Lvl	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Course	(2) D/L	(1) CDC	(2) D/L	(3) QTP	(1) CDC	(2) D/L	(3) Course
16.4.3.1.1.3 Operate									1a	-	-	-	-	-	-	1a
16.4.3.1.2 M-295 Individual Equipment Decontamination Kit TR: TO 11D1-3-11-1																
16.4.3.1.2.1 Principles									A	-	B	-	-	-	-	-
16.4.3.1.2.2 Inspect/Maintain									1a	-	-	-	-	-	-	1a
16.4.3.1.2.3 Operate									1a	-	-	-	-	-	-	1a
16.4.3.2 Contamination Control Area (CCA) Equipment TR: AFMAN 32-4005																
16.4.3.2.1 Principles									A	-	B	-	-	-	-	-
16.4.3.2.2 Inspect/Maintain		*							1a	-	-	-	-	-	-	-
16.4.3.2.3 Operate		*							1a	-	-	-	-	-	-	-
16.5 General Purpose Equipment																
16.5.1 Navigational Aids																
16.5.1.1 Precision Lightweight Global Positioning System Receiver (PLGR) TR: TO 31R4-2PSN11																
16.5.1.1.1 Principles									A	-	-	-	-	-	-	-
16.5.1.1.2 Inspect/Maintain									-	-	-	-	-	-	-	-
16.5.1.1.3 Operate									-	-	-	-	-	-	-	-
16.5.1.2 Defense Advance GPS Receiver (DAGR) TR: TO 31R4-2PSN13																
16.5.1.2.1 Principles									B	-	B	-	-	-	-	-
16.5.1.2.2 Inspect/Maintain		*							2b/b	-	-	-	-	-	-	2b/b
16.5.1.2.3 Operate		*	*						2b/b	-	-	-	-	-	-	2b/b
16.5.1.3 Compass TR: FM 3-25.26																
16.5.1.3.1 Principles									A	-	B	-	-	-	-	-
16.5.1.3.2 Inspect/Maintain		*							1a	-	-	-	-	-	-	1a
16.5.1.3.3 Operate		*	*						1a	-	-	-	-	-	-	1a
16.5.1.4 Range Finder TR: Owner's Manual																
16.5.1.4.1 Principles									A	-	B	-	-	-	-	-
16.5.1.4.2 Inspect/Maintain									1a	-	-	-	-	-	-	-
16.5.1.4.3 Operate									1a	-	-	-	-	-	-	-
16.5.2 Weather Monitoring Equipment TR: Owner's Manual																
16.5.2.1 Principles									A	-	B	-	-	-	-	-
16.5.2.2 Inspect/Maintain		*							1a	-	-	-	-	-	-	-
16.5.2.3 Operate		*							1a	-	-	-	-	-	-	-
16.5.3 Night Vision Devices TR: TO 12S10-2PVS15-2; TO 12S10-2PVS7-12 (AN/PVS-7B)																
16.5.3.1 Principles									B	-	B	-	-	-	-	-
16.5.3.2 Inspect									2b	-	-	-	-	-	-	-
16.5.3.3 Operate									2b	-	-	-	-	-	-	-
16.5.4 GEO XT Explorer TR: Owner's Manual																
16.5.4.1 Principles									B	-	B	-	-	B	-	-
16.5.4.2 Inspect		*							2b/b	-	-	-	-	-	-	2b
16.5.4.3 Operate		*	*						2b/b	-	-	-	-	-	-	2b
17. Vehicles																
17.1 Mobile Incident Command Center/Emergency Operations Center TR: AFI 24-301, AFI 10-2501																
17.1.1 Equipment requirements									A	-	B	-	-	-	-	-

1. Tasks, Knowledge And Technical References	2. Core Tasks A — 3 Lvl	B — 5 Lvl	C — 7 Lvl	3. Certification For OJT A — Training Start	B — Training Complete	C — Trainee Initials	D — Trainer Initials	E — Certifier Initials	4. A 3 Skill Level (1) Course	(2) D/L	B 5 Skill Level (1) CDC	(2) D/L	(3) QTP	C 7 Skill Level (1) CDC	(2) D/L	(3) Course
17.2 Reconnaissance Vehicles TR: Owner's Manual																
17.2.1 Principles									A	-	B	-	-	-	-	-
17.2.2 Inspect									1b	-	-	-	-	-	-	-
17.2.3 Operate									1b	-	-	-	-	-	-	-
18. CBRN Passive Defense Concepts																
18.1 Respiratory Protection																
18.1.1 Respiratory Protection Program									-	-	B	-	-	-	-	-
18.1.2 Principles									B	-	B	-	-	-	-	-
18.1.3 Types - CBRN Protective Masks, SCBA									B	-	B	-	-	-	-	-
18.2 Contamination Control																
18.2.1 Contamination Avoidance									A	-	B	-	-	B	-	-
18.2.2 CBRN Protective Covers									1a	-	B	-	-	B	-	2b
18.3 Decontamination Principles																
18.3.1 Types									A	-	B	-	-	B	-	-
18.3.2 Develop plan									-	-	B	-	-	B	-	-
18.3.3 Determine requirements									-	-	B	-	-	B	-	-
18.4 Provide Technical Assistance for Decontamination																
18.4.1 Fixed Site									-	-	A	-	-	B	-	-
18.4.2 Tactical operations									-	-	A	-	-	B	-	-
18.4.3 Contaminated Patients/Waste/Remains									-	-	A	-	-	B	-	-
18.4.4 Contaminated waste disposal									-	-	A	-	-	B	-	-
19. 3E9 AFS Capabilities																
19.1 W-Series UTCs TR: MANFOR, LOGFOR, ESL																
19.1.1 Principles of Unit Type Codes (UTCs)									A	-	B	-	-	B	-	-
19.1.2 Mission Capability Statements									A	-	B	-	-	B	-	-
19.1.3 Personnel and Equipment UTCs									A	-	B	-	-	B	-	-
19.1.4 Equipment Supply List and LOGDET									A	-	B	-	-	-	-	-
19.1.5 Utilize Designed Operational Capability (DOC) Statement									A	-	B	-	-	-	-	-
19.1.6 Make Input to MEFPAK									-	-	B	-	-	-	-	-
19.1.7 Distinguish W-Series UTCs in a Time Phased Force and Deployment List (TPFDL)									-	-	B	-	-	B	-	-
19.1.8 WRM concepts									-	-	B	-	-	-	-	-
19.1.9 CBRN Joint Enabling Concept (S4)									A	-	B	-	-	B	-	-
19.2 Major EM Response Activities																
19.2.1 Interpret alert and warning signals		*							-	-	B	-	-	-	-	-
19.2.2 Advise EM Actions for ALERTCONS, DEFCONs, and FPCONs									-	-	B	-	-	B	-	-
19.2.3 Correlate states and stages of alert to the threat									-	-	B	-	-	B	-	-
19.2.4 Determine Mission Oriented Protective Postures (MOPP)		*							-	-	B	-	-	B	-	2b
19.3 Alert and Warning Systems																
19.3.1 Determine need for local alert and warning system		*							-	-	B	-	-	B	-	-
19.3.2 Evaluate the airbase attack warning system		*							-	-	B	-	-	-	-	2b

1. Tasks, Knowledge And Technical References	2. Core Tasks			3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)							
	A	B	C	A	B	C	D	E	A 3 Skill Level		B 5 Skill Level			C 7 Skill Level		
	3 Lvl	5 Lvl	7 Lvl	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Course	(2) D/L	(1) CDC	(2) D/L	(3) QTP	(1) CDC	(2) D/L	(3) Course
19.3.3 Interpret Joint/Allied Warning Systems, Air Raid Warnings, and Tactical Ballistic Missile Warning System									-	-	B	-	-	B	-	-
19.3.4 Identify warning times for air, missile, and ground threats			*						-	-	B	-	-	-	-	2b
19.3.5 Integrate with host nation, joint, and combined forces									-	-	B	-	-	-	-	2b
19.4 CBRN Fundamentals TR: AFTTP(I) 3-2.55, DODD 3150.8 (NARP)																
19.4.1 Chemical																
19.4.1.1 Dissemination Methods									A	-	B	-	-	B	-	-
19.4.1.2 Physical Traits (Vapor Density, Molecular Weight, etc.)									A	-	B	-	-	B	-	-
19.4.1.3 Hazards (IDLH, TWA, LCT, ICT, etc.)									A	-	B	-	-	B	-	-
19.4.1.4 Characteristics and Persistency		*							a	-	b	-	-	-	-	3c
19.4.1.5 Identification and Quantification		*							a	-	b	-	-	-	-	3c
19.4.1.6 Impact on Operations									A	-	B	-	-	-	-	3c
19.4.2 Biological																
19.4.2.1 Dissemination Methods									A	-	B	-	-	B	-	-
19.4.2.2 Physical Traits									A	-	B	-	-	B	-	-
19.4.2.3 Hazards									A	-	B	-	-	B	-	-
19.4.2.4 Characteristics and Persistency		*							a	-	b	-	-	-	-	3c
19.4.2.5 Identification and Quantification		*							a	-	b	-	-	-	-	3c
19.4.2.6 Impact on Operations									A	-	B	-	-	-	-	3c
19.4.3 Nuclear/Radiological																
19.4.3.1 Dissemination Methods									A	-	B	-	-	B	-	-
19.4.3.2 Physical Traits									A	-	B	-	-	B	-	-
19.4.3.3 Hazards									A	-	B	-	-	B	-	-
19.4.3.4 Characteristics and Persistency		*							a	-	b	-	-	-	-	3c
19.4.3.5 Identification and Quantification		*							a	-	b	-	-	-	-	3c
19.4.3.6 Impact on Operations									A	-	B	-	-	-	-	3c
19.4.4 TIC/TIM																
19.4.4.1 Dissemination Methods									A	-	B	-	-	B	-	-
19.4.4.2 Physical Traits									A	-	B	-	-	B	-	-
19.4.4.3 Hazards									A	-	B	-	-	B	-	-
19.4.4.4 Characteristics and Persistency		*							a	-	b	-	-	-	-	3c
19.4.4.5 Identification and Quantification		*							a	-	b	-	-	-	-	3c
19.4.4.6 Impact on Operations									A	-	B	-	-	-	-	3c
19.5 EM-R & CBRN C2																
19.5.1 AOC Emergency Management and CBRN Passive Defense Management																
19.5.1.1 Concept									-	-	A	-	-	B	-	-
19.5.1.2 Description, Standards, Reference Material									-	-	A	-	-	B	-	-
19.5.1.3 Personnel Requirements and Team Position Descriptions									-	-	A	-	-	B	-	-
19.5.1.4 Specific Equipment and Supply Requirements									-	-	A	-	-	B	-	-
19.5.1.5 TTPs									-	-	A	-	-	B	-	-
19.5.1.6 Employ									-	-	-	-	-	-	-	-
19.5.2 Expeditionary Installation Emergency Operations Center Establishment																
19.5.2.1 Concept									-	-	B	-	-	-	-	C

1. Tasks, Knowledge And Technical References	2. Core Tasks			3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)							
	A	B	C	A	B	C	D	E	A 3 Skill Level		B 5 Skill Level			C 7 Skill Level		
	3 Lvl	5 Lvl	7 Lvl	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Course	(2) D/L	(1) CDC	(2) D/L	(3) QTP	(1) CDC	(2) D/L	(3) Course
19.5.2.2 Description, Standards, Reference Material									-	-	B	-	-	-	-	C
19.5.2.3 Personnel Requirements and Team Position Descriptions									-	-	B	-	-	-	-	C
19.5.2.4 Specific Equipment and Supply Requirements									-	-	B	-	-	-	-	C
19.5.2.5 TTPs									-	-	B	-	-	-	-	C
19.5.2.6 Employ									-	-	-	-	-	-	-	3c
19.5.3 Installation Emergency Management (ESF-5) and CBRN Passive Defense Management																
19.5.3.1 Concept									-	-	B	-	-	-	-	C
19.5.3.2 Description, Standards, Reference Material									-	-	B	-	-	-	-	C
19.5.3.3 Personnel Requirements and Team Position Descriptions									-	-	B	-	-	-	-	C
19.5.3.4 Specific Equipment and Supply Requirements									-	-	B	-	-	-	-	C
19.5.3.5 TTPs									-	-	B	-	-	-	-	C
19.5.3.6 Employ		*	*						-	-	b	-	-	-	-	3c
19.5.4 Mobile Emergency Operations/ Incident Command Center Operations																
19.5.4.1 Concept									-	-	B	-	-	-	-	-
19.5.4.2 Description, Standards, Reference Material									-	-	B	-	-	-	-	-
19.5.4.3 Personnel Requirements and Team Position Descriptions									-	-	B	-	-	-	-	-
19.5.4.4 Specific Equipment and Supply Requirements									-	-	B	-	-	-	-	-
19.5.4.5 TTPs									-	-	B	-	-	-	-	-
19.5.4.6 Employ		*							-	-	b	-	-	-	-	-
19.5.5 Plume Modeling Toxic Corridor Analysis TR: AFTTP 3-2.56, ATP-45(C), Software Manuals																
19.5.5.1 Concept									A	-	B	-	-	-	-	C
19.5.5.2 Description, Standards, Reference Material									A	-	B	-	-	-	-	C
19.5.5.3 Personnel Requirements and Team Position Descriptions									A	-	B	-	-	-	-	C
19.5.5.4 Specific Equipment and Supply Requirements									A	-	B	-	-	-	-	C
19.5.5.5 TTPs (CBRN Warning and Reporting Organization, CBRN Reports, Interpretation, etc)									A	-	B	-	-	-	-	C
19.5.5.6 Employ Automated Modeling		*	*						1a	-	-	-	-	-	-	2b
19.5.5.7 Employ Manual Modeling									-	-	-	-	-	-	-	-
19.6 Active CBRN Response																
19.6.1 Response Staging Area Assessment (RSAA)																
19.6.1.1 Concept									A	-	B	-	-	-	-	C
19.6.1.2 Description, Standards, Reference Material									A	-	B	-	-	-	-	C
19.6.1.3 Personnel Requirements and Team Position Descriptions									A	-	B	-	-	-	-	C

1. Tasks, Knowledge And Technical References	2. Core Tasks			3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)							
	A	B	C	A	B	C	D	E	A 3 Skill Level		B 5 Skill Level			C 7 Skill Level		
	3 Lvl	5 Lvl	7 Lvl	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Course	(2) D/L	(1) CDC	(2) D/L	(3) QTP	(1) CDC	(2) D/L	(3) Course
19.6.1.4 Specific Equipment and Supply Requirements									A	-	B	-	-	-	-	C
19.6.1.5 TTPs									A	-	B	-	-	-	-	C
19.6.1.6 Employ		*	*						1a	-	-	-	-	-	-	2b
19.6.2 Responder Staging Area Detection Grid (RSADG)																
19.6.2.1 Concept									A	-	B	-	-	-	-	C
19.6.2.2 Description, Standards, Reference Material									A	-	B	-	-	-	-	C
19.6.2.3 Personnel Requirements and Team Position Descriptions									A	-	B	-	-	-	-	C
19.6.2.4 Specific Equipment and Supply Requirements									A	-	B	-	-	-	-	C
19.6.2.5 TTPs									A	-	B	-	-	-	-	C
19.6.2.6 Employ		*	*						1a	-	-	-	-	-	-	2b
19.6.3 Initial Cordon Definition (ICD)																
19.6.3.1 Concept									A	-	B	-	-	-	-	C
19.6.3.2 Description, Standards, Reference Material									A	-	B	-	-	-	-	C
19.6.3.3 Personnel Requirements and Team Position Descriptions									A	-	B	-	-	-	-	C
19.6.3.4 Specific Equipment and Supply Requirements									A	-	B	-	-	-	-	C
19.6.3.5 TTPs									A	-	B	-	-	-	-	C
19.6.3.6 Employ		*							1a	-	-	-	-	-	-	2b
19.6.4 Downwind Hazard Analysis (DHA)																
19.6.4.1 Concept									A	-	B	-	-	-	-	C
19.6.4.2 Description, Standards, Reference Material									A	-	B	-	-	-	-	C
19.6.4.3 Personnel Requirements and Team Position Descriptions									A	-	B	-	-	-	-	C
19.6.4.4 Specific Equipment and Supply Requirements									A	-	B	-	-	-	-	C
19.6.4.5 TTPs									A	-	B	-	-	-	-	C
19.6.4.6 Employ		*							1a	-	-	-	-	-	-	2b
19.6.5 Cordon Reduction/Expansion (CRE)																
19.6.5.1 Concept									A	-	B	-	-	-	-	C
19.6.5.2 Description, Standards, Reference Material									A	-	B	-	-	-	-	C
19.6.5.3 Personnel Requirements and Team Position Descriptions									A	-	B	-	-	-	-	C
19.6.5.4 Specific Equipment and Supply Requirements									A	-	B	-	-	-	-	C
19.6.5.5 TTPs									A	-	B	-	-	-	-	C
19.6.5.6 Employ		*	*						1a	-	-	-	-	-	-	2b
19.6.6 Ground Survey Assessment (GSA)																
19.6.6.1 Concept									B	-	B	-	-	-	-	C
19.6.6.2 Description, Standards, Reference Material									B	-	B	-	-	-	-	C
19.6.6.3 Personnel Requirements and Team Position Descriptions									B	-	B	-	-	-	-	C
19.6.6.4 Specific Equipment and Supply Requirements									B	-	B	-	-	-	-	C
19.6.6.5 TTPs									B	-	B	-	-	-	-	C
19.6.6.6 Employ		*							2b	-	-	-	-	-	-	2b

1. Tasks, Knowledge And Technical References	2. Core Tasks			3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)							
	A	B	C	A	B	C	D	E	A 3 Skill Level		B 5 Skill Level			C 7 Skill Level		
	3 Lvl	5 Lvl	7 Lvl	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Course	(2) D/L	(1) CDC	(2) D/L	(3) QTP	(1) CDC	(2) D/L	(3) Course
19.6.7 SSE/SSA																
19.6.7.1 Concept									B	-	B	-	-	-	-	C
19.6.7.2 Description, Standards, Reference Material									B	-	B	-	-	-	-	C
19.6.7.3 Personnel Requirements and Team Position Descriptions									B	-	B	-	-	-	-	C
19.6.7.4 Specific Equipment and Supply Requirements									B	-	B	-	-	-	-	C
19.6.7.5 TTPs									B	-	B	-	-	-	-	C
19.6.7.6 Employ		*	*						2b	-	-	-	-	-	-	3c
19.6.8 Unknown Substance Presentation Response																
19.6.8.1 Concept									-	-	B	-	-	-	-	B
19.6.8.2 Description, Standards, Reference Material									-	-	B	-	-	-	-	B
19.6.8.3 Personnel Requirements and Team Position Descriptions									-	-	B	-	-	-	-	B
19.6.8.4 Specific Equipment and Supply Requirements									-	-	B	-	-	-	-	B
19.6.8.5 TTPs									-	-	B	-	-	-	-	B
19.6.8.6 Employ			*						-	-	-	-	-	-	-	2b
19.7 Threat Detection Grid (TDG) Types																
19.7.1 TDG																
19.7.1.1 Concepts									A	-	B	-	-	-	-	B
19.7.1.2 Description, Standards, Reference Material									A	-	B	-	-	-	-	B
19.7.1.3 Personnel Requirements and Team Position Descriptions									A	-	B	-	-	-	-	B
19.7.1.4 Specific Equipment and Supply Requirements									A	-	B	-	-	-	-	B
19.7.1.5 TTPs									A	-	B	-	-	-	-	B
19.7.1.6 Employ		*							1a	-	-	-	-	-	-	-
19.8 Personnel DECON																
19.8.1 CBRN Attack Personnel Decon (CCA)																
19.8.1.1 Concepts									A	-	B	-	-	B	-	-
19.8.1.2 Description, Standards, Reference Material									A	-	B	-	-	B	-	-
19.8.1.3 Personnel Requirements and Team Position Descriptions									A	-	B	-	-	B	-	-
19.8.1.4 Specific Equipment and Supply Requirements									A	-	B	-	-	B	-	-
19.8.1.5 TTPs									A	-	B	-	-	B	-	-
19.8.1.6 Employ		*							1a	-	-	-	-	-	-	-
19.8.2 Broken Arrow & Radiological Personnel Decon (CCS)																
19.8.2.1 Concept									A	-	B	-	-	B	-	-
19.8.2.2 Description, Standards, Reference Material									A	-	B	-	-	B	-	-
19.8.2.3 Personnel Requirements and Team Position Descriptions									A	-	B	-	-	B	-	-
19.8.2.4 Specific Equipment and Supply Requirements									A	-	B	-	-	B	-	-
19.8.2.5 TTPs									A	-	B	-	-	B	-	-
19.8.2.6 Employ		*							1a	-	-	-	-	-	-	-
19.8.3 Emergency Responder Decon (3E9)																

1. Tasks, Knowledge And Technical References	2. Core Tasks			3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)							
	A	B	C	A	B	C	D	E	A 3 Skill Level		B 5 Skill Level			C 7 Skill Level		
	3 Lvl	5 Lvl	7 Lvl	Training Start	Training Complete	Trainee Initials	Trainer Initials	Certifier Initials	(1) Course	(2) D/L	(1) CDC	(2) D/L	(3) QTP	(1) CDC	(2) D/L	(3) Course
19.8.3.1 Concept									A	-	B	-	-	B	-	-
19.8.3.2 Description, Standards, Reference Material									A	-	B	-	-	B	-	-
19.8.3.3 Personnel Requirements and Team Position Descriptions									A	-	B	-	-	B	-	-
19.8.3.4 Specific Equipment and Supply Requirements									A	-	B	-	-	B	-	-
19.8.3.5 TTPs									A	-	B	-	-	B	-	-
19.8.3.6 Employ		*							1a	-	-	-	-	-	-	2b
19.9 Collective Protection (COL PRO)																
19.9.1 Concept									-	-	B	-	-	-	-	-
19.9.2 Description, Standards, Reference Material									-	-	B	-	-	-	-	-
19.9.3 Personnel Requirements and Team Position Descriptions									-	-	B	-	-	-	-	-
19.9.4 Specific Equipment and Supply Requirements									-	-	B	-	-	-	-	-
19.9.5 TTPs									-	-	B	-	-	-	-	-
19.9.6 Employ									-	-	-	-	-	-	-	-
19.10 Advanced CBRN Detection Capabilities																
19.10.1 Bio Detect to Treat																
19.10.1.1 Concept									A	-	B	-	-	-	-	-
19.10.1.2 Description, Standards, Reference Material									A	-	B	-	-	-	-	-
19.10.1.3 Personnel Requirements and Team Position Descriptions									A	-	B	-	-	-	-	-
19.10.1.4 Specific Equipment and Supply Requirements									A	-	B	-	-	-	-	-
19.10.1.5 TTPs									A	-	B	-	-	-	-	-
19.10.1.6 Employ									-	-	-	-	-	-	-	-
19.10.2 Emerging Technology																
19.10.2.1 Joint CBRN Modernization (NSERP)									A	-	B	-	-	-	-	B
19.10.2.2 Commercial Off The Shelf (COTS)									A	-	B	-	-	-	-	B
19.10.3 Analysis of capabilities																
19.10.3.1 Analyze results of each capability and need to execute appropriate capabilities for mission continuation			*						-	-	B	-	-	-	-	3c
19.10.4 Chemical Defense Training Facility (CDTF)																
19.10.4.1 Perform wartime tasks in a chemically contaminated environment									1a	-	-	-	-	-	-	2b

	CE AFQTP Documentation Record For AFSC 3E9X1 CFETP 28 Dec 2009						

- This document supersedes previous AF Form 797 Overlay. Maintain in member's AF Form 623 until 7-level upgrade
- Trainers/Certifiers enter their name and initials in the identification block at beginning of the STS
- Upon administering AFQTPs, enter start date in column 4 of this record
- Upon completion of each unit, document columns 5, 6, and 7
- Upon completion of applicable CerTests, trainer will place the completion date in column 8
- Transcribe by entering current date in columns 5 and 8, Trainees & Trainers Initials in columns 6 & 7

1	2	3	4	5	6	7	8
TASK NUMBER	TASKS, KNOWLEDGE, AND TECHNICAL REFERENCES	* ** 5 LEVEL *** 7 LEVEL	START DATE	COMPLETE DATE	TRAINEE'S INITIALS	TRAINER'S INITIALS	CERTEST COMP DATE
12.	EM Planning TR: AFI 10-210, AFI 10-211, AFI 32-7062, AFI 10-403, AFI 10-404, AFI 10-503, AFI 10-602, , AFPAM 32-4013, AFMAN 10-401 Vol. 1-2, AFPAM 10-219 Vol. 2, AFPAM 10-219 Vol. 5 AFI 10-2501						
12.7.	Terrorist Use of CBRNE						
12.7.1.	Special Considerations						
12.7.1.1.	Asymmetric Challenges (Impact on S4 Ops, unknown agents, payload for modeling, etc)	*					
13.	Emergency Management Training TR: AFMAN 36-2236, AFI 10-2501						
13.2.	Conduct/Evaluate/Document						
13.2.3.	Conduct EM Training	*					
13.6.	HAZMAT Emergency Response Training TR: NFPA Standard 472, 2002 Edition; NFPA Standard 1561, 1990 Edition, and the current edition of the Emergency Response Guidebook						
13.6.1.	Level I - Awareness	*					
13.6.2.	Level II - Operations	*					
13.6.3.	Level III - Technician	*					
15.	CBRN Response Equipment						
15.1.	Protective Masks TR: TO 14P3-1-141, TO 14P4-1-151, TO 14P4-15-1, TO 14P4-18-1, TO 14P4-18-2, TO 33A4-7-10-1						
15.1.1.	MCU-2 Series Protective Mask						
15.1.1.2.	Inspect/Maintain	*					
15.1.1.3.	Operate	*					
15.1.2.	M45 Protective Mask						
15.1.2.2.	Inspect/Maintain	*					
15.1.2.3.	Operate	*					
15.1.3.	Joint Service Protective Mask (JSGPM)						
15.1.3.2.	Inspect/Maintain	*					
15.1.3.3.	Operate	*					

15.2.	**CBRN Protective Clothing TR: NFPA Standard 472, 2002 Edition; NFPA Standard 1561, 1990 Edition, and the current edition of the Emergency Response Guidebook**						
15.2.1.	**Protective Clothing Levels**						
15.2.1.1.	**Level A**						
15.2.1.1.3.	Operate	*					
15.2.1.2.	**Level B**						
15.2.1.2.3.	Operate	*					
15.2.1.3.	**Level C (such as GCE)**						
15.2.1.3.3.	Operate	*					
15.2.1.4.	**Level D**						
15.2.1.4.3.	Operate	*					
16.	**Detection Equipment TR: Applicable Technical Orders or Commercial Publications**						
16.1.	**Chemical Warfare & TIC/TIM**						
16.1.1.	**Detector, Gas (MultiRae)**						
16.1.1.2.	Inspect/Maintain	*					
16.1.1.3.	Operate	* **					
16.1.2.	**Civil Defense SIMULTEST (CDS) Kit (WMD)**						
16.1.2.2.	Inspect/Maintain	*					
16.1.2.3.	Operate	* **					
16.1.3.	**CHEM/BIO Sampling Kit (Quicksilver Kit)**						
16.1.3.2.	Inspect/Maintain	*					
16.1.3.3.	Operate	* **					
16.1.4.	**Spectrometer, Ahura First Defender**						
16.1.4.2.	Inspect/Maintain	*					
16.1.4.3.	Operate	* **					
16.1.6.	**HAZMAT ID**						
16.1.6.2.	Inspect/Maintain	*					
16.1.6.3.	Operate	* **					
16.1.7.	**Automated Chemical Agent Vapor Detector**						
16.1.7.1.	**M4 Joint Chemical Agent Detector (JCAD) TR: TM 3-6665-355-10**						
16.1.7.1.2.	Inspect/Maintain	*					
16.1.7.1.3.	Operate	*					
16.1.7.2.	**M22 Automatic Chemical Agent Alarm (ACAA) TR: TO 11H2-23-1**						
16.1.7.2.2.	Inspect/Maintain	*					
16.1.7.2.3.	Operate	*					
16.1.7.3.	**Chemical Agent Monitor (CAM) or Improved Chemical Agent Monitor (ICAM) TR: TO 11H2-20-1, TO 11H2-20-11**						
16.1.7.3.2.	Inspect/Maintain	*					

16.1.7.3.3.	Operate	*					
16.2.	**Biological TR: Applicable Technical Orders or Commercial Publications**						
16.2.1.	**Air Sampling System (BioCapture 650)**						
16.2.1.2.	Inspect/Maintain	*					
16.2.1.3.	Operate	* **					
16.2.2.	**Dry Filter Unit, DFU 1000**						
16.2.2.2.	Inspect/Maintain	*					
16.2.2.3.	Operate	* **					
16.2.3.	**DoD Biological Sampling Kit**						
16.2.3.2.	Inspect/Maintain	*					
16.2.3.3.	Operate	*					
16.3.	**Nuclear and Radiological TR: Applicable Technical Orders or Commercial Publications**						
16.3.1.	**High Volume Air Sampler (RADeCO)**						
16.3.1.2.	Inspect/Maintain	*					
16.3.1.3.	Operate	* **					
16.3.2.	**Calibrator, Air Flow, Digital**						
16.3.2.2.	Inspect/Maintain	*					
16.3.2.3.	Operate	* **					
16.3.3.	**Handheld Isotope Identifier (GR-135)**						
16.3.3.2.	Inspect/Maintain	*					
16.3.3.3.	Operate	* **					
16.3.4.	**ADM 300 Multi-Function Survey Meter**						
16.3.4.2.	Inspect/Maintain	*					
16.3.4.3.	Operate	* **					
16.4.	**Multi-use CBRN Equipment**						
16.4.3.	**Contamination Control**						
16.4.3.2.	**Contamination Control Area (CCA) Equipment TR: AFMAN 32-4005**						
16.4.3.2.2.	Inspect/Maintain	*					
16.4.3.2.3.	Operate	*					
16.5.	**General Purpose Equipment**						
16.5.1.	**Navigational Aids**						
16.5.1.2.	**Defense Advance GPS Receiver (DAGR) TR: TO 31R4-2PSN13**						
16.5.1.2.2.	Inspect/Maintain	*					
16.5.1.2.3.	Operate	* **					
16.5.1.3.	**Compass TR: FM 3-25.26**						
16.5.1.3.2.	Inspect/Maintain	*					

16.5.1.3.3.	Operate	* **					
16.5.2.	**Weather Monitoring Equipment TR: Owner's Manual**						
16.5.2.2.	Inspect/Maintain	*					
16.5.2.3.	Operate	*					
16.5.4.	**GEO XT Explorer TR: Owner's Manual**						
16.5.4.2.	Inspect/Maintain	*					
16.5.4.3.	Operate	* **					
19.	**3E9 AFS Capabilities**						
19.2.	**Major EM Response Activities**						
19.2.1.	Interpret alert and warning signals	*					
19.2.4.	Determine Mission Oriented Protective Postures (MOPP)	*					
19.3.	**Alert and Warning Systems**						
19.3.1.	Determine need for local alert and warning system	*					
19.3.2.	Evaluate the airbase attack warning system	*					
19.3.4.	Identify warning times for air, missile, and ground threats	**					
19.4	**CBRN Fundamentals TR: AFTTP(I) 3-2.55, DODD 3150.8 (NARP)**						
19.4.1.	**Chemical**						
19.4.1.4.	Characteristics and Persistency	*					
19.4.1.5.	Identification and Quantification	*					
19.4.2.	**Biological**						
19.4.2.4.	Characteristics and Persistency	*					
19.4.2.5.	Identification and Quantification	*					
19.4.3.	**Nuclear/Radiological**						
19.4.3.4.	Characteristics and Persistency	*					
19.4.3.5.	Identification and Quantification	*					
19.4.4.	**TIC/TIM**						
19.4.4.4.	Characteristics and Persistency	*					
19.4.4.5.	Identification and Quantification	*					
19.5	**EM-R & CBRN C2**						
19.5.3.	**Installation Emergency Management (ESF-5) and CBRN Passive Defense Management**						
19.5.3.6.	Employ	* **					
19.5.4.	**Mobile Emergency Operations/ Incident Command Center Operations**						
19.5.4.6.	Employ	*					
19.5.5.	**Plume Modeling Toxic Corridor Analysis TR: AFTTP 3-2.56, ATP-45(C), Software Manuals**						
19.5.5.6.	Employ Automated Modeling	* **					
19.6	**Active CBRN Response**						
19.6.1.	**Response Staging Area Assessment (RSAA)**						
19.6.1.6.	Employ	* **					

19.6.2.	**Responder Staging Area Detection Grid (RSADG)**						
19.6.2.6.	Employ	* **					
19.6.3.	**Initial Cordon Definition (ICD)**						
19.6.3.6.	Employ	*					
19.6.4.	**Downwind Hazard Analysis (DHA)**						
19.6.4.6.	Employ	*					
19.6.5.	**Cordon Reduction/Expansion (CRE)**						
19.6.5.6.	Employ	* **					
19.6.6.	**Ground Survey Assessment (GSA)**						
19.6.6.6.	Employ	*					
19.6.7.	**SSE/SSA**						
19.6.7.6.	Employ	* **					
19.6.8.	**Unknown Substance Presentation Response**						
19.6.8.6.	Employ	**					
19.7	**Threat Detection Grid (TDG) Types**						
19.7.1.	**TDG**						
19.7.1.6.	Employ	*					
19.8	**Personnel DECON**						
19.8.1.	**CBRN Attack Personnel Decon (CCA)**						
19.8.1.6.	Employ	*					
19.8.2.	**Broken Arrow & Radiological Personnel Decon (CCS)**						
19.8.2.6.	Employ	*					
19.8.3.	**Emergency Responder Decon (3E9)**						
19.8.3.6.	Employ	*					
19.10.	**Advanced CBRN Detection Capabilities**						
19.10.3.	**Analysis of capabilities**						
19.10.3.1.	Analyze results of each capability and need to execute appropriate capabilities for mission continuation	**					

Section B – Course Objective List (COL)

(This section used when developing lesson plans)

20. Measurement. Measurement of each objective is indicated as follows:

20.1. Written Test (W) - used to sample each knowledge objective and the knowledge components of performance objectives.

20.2. Performance Test (P) - used under specified conditions in a formal testing mode to measure student accomplishment of performance objectives after the teaching-learning activity has been completed.

20.3. Progress Checks (PC) - administered by the instructor during classroom or laboratory instruction time to assess the student's accomplishment of knowledge or performance objectives.

21. Standard. Standards for written and performance measurement are indicated in the objectives and delineated on the individual progress checklist. Instructor assistance is provided as needed during the progress check, and students may be required to repeat all or parts of the behavior until satisfactory performance is attained.

22. Proficiency Level. Most task performance is taught to the "2b" proficiency level which means the student can do most parts of the task, but does need assistance on the hardest parts of the task (partially proficient). The student can also determine step-by-step procedures for doing the task.

23. COL. These objectives are listed in the sequence taught by block of instruction.

23.1. Initial Skills Course. A detailed listing of the initial skills course objectives may be obtained by written request to 366 TRS/DO, 727 Missile Road, Sheppard AFB TX 76311-2254.

23.2. 7-Skill Level Course. A detailed listing of the **Emergency Management Craftsman course** objectives may be obtained by written request to 366 TRS/DO, 727 Missile Road, Sheppard AFB TX 76311-2254.

Section C – Support Materials

24. Purpose. The following list of support materials is not all-inclusive; however, it covers the most frequently referenced areas.

24.1.   Certification Testing (CerTest)

24.1.1.   CerTest is a program that uses computer-based evaluation to ensure skilled craftsmen are available to meet the Air Force's changing needs. It enhances upgrade and qualification training by testing and evaluating an individual's knowledge of the principles and procedures in each specialty.

24.1.1.1.   The program contains tests used to evaluate task knowledge received through different media such as paper products (text), videotapes, and computer–based programs.

24.1.1.2.   CerTest is also a powerful training management tool. It can be used to find the strengths and weaknesses in an individual's training and experience. CerTest automatically records and updates all test results. The training manager can copy records to a disk so that an individual can bring current, accurate training information to a new unit; thereby helping the gaining supervisor evaluate the trainee's knowledge and experience.

24.1.2.   CerTest enables unit personnel to develop site-specific tests. These custom made tests standardize testing on tasks unique to a specific duty station and/or assignment. The program contains a graphics library that may be used along with a menu driven test editor to develop these site-specific tests.

24.1.3.   CerTest also contains *optional* CDC pre-evaluation tools. Volume review exercises are available for progress checks after each volume is completed. After all volumes are completed in a set, the trainee may take the course review exercise before taking the final end of course exam at the base training office. Commanders are encouraged to integrate these tools in their unit's OJT program.

24.1.4.   CerTest has been adopted as the Air Force platform for future electronic CDC testing. The Air Force Institute for Distributive Learning (A46) began using CerTest on 1 June 2000. Currently, all CE AFSs are allowed to use A4L's CerTest on installations where Base Test Control Facilities (TCFs) are equipped. See your UETM for further information.

24.1.5.   CerTests for Emergency Management. For guidance and a complete list of up-to-date CerTests applicable to the 3E9X1 AFS, contact your UTM.

24.2. Air Force Qualification Training Packages (AFQTP):

Title	Developer
M22 Automatic Chemical Agent Alarm (ACAA)	HQ AFCESA
Improved Chemical Agent Monitor (ICAM) and ICAM Training Simulator	HQ AFCESA
HAZMAT ID	HQ AFCESA
AHURA First Defender	HQ AFCESA
BioCapture 650	HQ AFCESA
MultiRAE Plus	HQ AFCESA

Note: For additional information to include a complete list of up-to-date AF QTPs applicable to the 3E9X1 AFS, access the Air Force Portal [My Workspace; Emergency Management].

24.3. FEMA Independent Study Correspondence Courses:

Required courses are listed in the STS. For additional information to include a complete list of available; up-to-date FEMA independent study courses, access the FEMA Emergency Management Institute website [http://training.fema.gov/]

Section D – Training Course Index

25.   Purpose. This section of the CFETP identifies training courses available for the specialty. Refer to web site **https://etca.randolph.af.mil/**, Education and Training Course Announcements (ETCA) for complete information on the Air Force in-residence courses.

25.1.   Air Force In-Residence and Mobile Training Team (MTT) Courses:

Course Number	Title	Location
JCAQP3E931 00AA	Emergency Management Apprentice	Fort Leonard Wood, MO
J9ABA3E931 00RA	Emergency Management Apprentice 4K-F24/494-F29	Fort Leonard Wood, MO
JCACP3E971 00AA	Emergency Management Craftsman	Fort Leonard Wood, MO
JCAZP3E971 01AA	Advanced Emergency Management	Fort Leonard Wood, MO
J9AZA3E951 00RA	Chemical, Biological, Radiological, Nuclear (CBRN) Responder	Fort Leonard Wood, MO
WMGT570	Civil Engineer Superintendent Course	Wright Patterson AFB, OH
J7AZT3E971 01AA	Chemical, Biological, Radiological, Nuclear (CBRN) Cell (MTT)	Requesting Installation
J5OZD13B4 02DA	Nuclear and Radiological Incident Management (NRIM)	Kirtland AFB, NM
J5OZD32E1D 04DA	Weapons of Mass Destruction Command, Control, and Coordination (WMDC3)	Kirtland AFB, NM
J5OZD32E3G 00DA	Nuclear Emergency Team Operations II (NETOP II) (DNWS-R038)	Kirtland AFB, NM

25.2.   Air Force Distance Learning Courses:

Course Number	Title
J6OZD32E3G 00DA	Nuclear Emergency Team Operations I (NETOP I) (DNWS-DL008)

25.3.   HQ AU/A4L Extension Course Program Courses (formerly ECI):

Course Number	Title
CDC 3E951	Emergency Management Journeyman
CDC 3E971	Emergency Management Craftsman

Section E – MAJCOM Unique Requirements

26. There are currently no MAJCOM unique requirements. This area is reserved.

Section F – Home Station Training (HST)

27.   Purpose. The purpose of this section is to identify the tasks, training references, and training sources available in support of contingency/wartime training. Prime BEEF forces will train to meet the full range of tasks expected in the contingency environment. Training ranges from knowledge-type training conducted in a classroom (Category [CAT] I), to task-oriented hands-on (CAT II) training conducted in the field. These training requirements, frequencies, and sources are listed in AFI 10-210, *Prime Base Emergency Engineer Force (BEEF) Program.*

27.1. HST Definition. HST is training that is conducted at the individual's home station for contingency operations. The CE commander ensures training is provided and documented and arranges for subject matter experts to conduct training as required. HST requirements fall into two categories, CAT I and CAT II.

27.1.1. CAT I Training. Personnel assigned to base level CE units will receive initial and refresher training in all CAT I (knowledge-based) topics identified in AFI 10-210. Units will use Demonstration Performance Packages, Qualification Training Packages (QTPs), web-based training products, other multimedia training packages, and AF CE standardized lesson plans to present the material. MAJCOMs may develop and require other training materials to accomplish knowledge-based training.

27.1.2. CAT-II Training. CAT II training is primarily hands-on training as outlined in AFI 10-210. Units must make every effort to incorporate realism into their respective CAT II training programs. Field gear (to include primary weapons) will be used during training requirements such as, personal/work party security, convoy operations, defensive fighting positions, etc.

27.1.2.1. Combat Skills Training (CST). CST must be institutionalized as an integral part of any CAT II HST program. Lessons learned from operations such as IRAQI FREEDOM have taught us the importance of maintaining a higher level of combat readiness. Although the inclusion of combat skills-focused training into HST does not fully prepare CE personnel to work in a high threat combat environment, the steps taken to enhance CAT II training will help elevate units to a readiness level capable of supporting safe and effective operations in low to medium risk combat environments.

27.1.2.2. Mission Essential Equipment Training (MEETS). Wartime or contingency environments often involve the use of specialized and unique mission-essential equipment that civil engineers do not use in their day-to-day operations. Due to the cost and complexity, mission essential contingency equipment and trainer expertise are not commonly found at Continental United States (CONUS) installations. Personnel must be hands-on certified and the certification documented in their CFEPT. AFI 10-210 identifies minimum personnel to be trained, positions by specialty, frequencies and locations of training sites. Inadequate training on these key equipment items can negatively impact Air Force contingency operations.

27.1.3. CAT III Training. CAT III is primarily a team training venue. Silver Flag Exercise Site training is CAT III training. Silver Flag Exercise Sites are located at Tyndall AFB FL; Ramstein AB Germany; and Kadena AB Japan. They conduct CAT III training with their major focus on students being able to perform critical contingency task in a team environment. The training focuses on bare base beddown and sustainment operations using hands-on training with basic expeditionary airfield resources (BEAR) equipment in a realistic beddown environment. Where possible, combat skills training has been added to the curriculum to ensure realism and help fortify combat skills mentality amongst teams. All CE personnel who fill Unit Type Code (UTC) positions will receive team training at Silver Flag Exercise Sites with the exception of members on headquarters staff augmentation UTCs, pavement evaluation UTCs, and generator repair and maintenance UTCs.

27.2. HST Training References.

27.2.1. AFI 10-210. AFI 10-210 identifies the Prime BEEF recurring training requirements. You can review this document by going to the Air Force publications web site.

27.2.2. AFPAM 10-219 Series. These publications assist in home station training and contingency responses.

27.2.3. AFH 10-222 Series. These publications provide expeditionary engineer craftsmen "how to" operating and maintenance procedures.

27.2.4. AETC Courses. AETC conducts formal contingency training courses on subjects such as bare base equipment, air base combat engineering, and readiness and emergency management. For course descriptions, refer to the ETCA website: **https://etca.randolph.af.mil/**.

27.2.5. Web-based Products. Web-based products are available on the CE Virtual Learning Center (VLC) website at: **https://afcesa.csd.disa.mil/kc/login/login.asp**. Personnel completing these courses can receive credit for CAT I training. CBT products can be used in a classroom setting to train as many personnel as possible. Attendance must be documented on a sign-in roster. The sign-in roster must be maintained IAW AFI 10-210.

27.2.6. HQ AFCESA/CEX. Maintains a comprehensive listing of training products that support the contingency training program.

27.2.7. Ancillary Training. AFI 36-2201, Volume 1, *Training, Development, Delivery, and Evaluation,* describes ancillary training as guidance or instruction that contributes to mission accomplishment. For a full list of mandatory ancillary training requirements go to the ETCA website (see paragraph 26.2.4).

27.2.8. Deployment Support Training. AFI 10-403, *Deployment Planning and Execution*, describes deployment support training requirements. Deployment support training is mandatory training that will aid a unit in preparing to deploy/redeploy.

Abbreviations and Terms Explained

A1C – Airman 1st Class

ABC – Atomic, Biological, Chemical

ACAA – Automatic Chemical Agent Alarm

ACC – Air Combat Command

ACES-PR – Automated Civil Engineer System-Personnel Readiness

ADLS – Advanced Distributed Learning Service

AETC – Air Education and Training Command

AF – Air Force

AFCAT – Air Force Catalog

AFCEE – Air Force Center for Environmental Excellence

AFCESA – Air Force Civil Engineer Support Agency

AFCFM – Air Force Career Field Manager

AFDD – Air Force Doctrine Directive

AFH – Air Force Handbook

AFI – Air Force Instruction

AFIT – Air Force Institute of Technology

AFJQS – Air Force Job Qualification Standard

AFMAN – Air Force Manual

AFOSH – Air Force Occupational Safety and Health

AFPAM – Air Force Pamphlet

AFPD – Air Force Policy Directive

AFPDL – Air Force Personnel Desire List

AFQTP – Air Force Qualification Training Package

AFRC – Air Force Reserve Command

AFRL – Air Force Research Laboratory

AFS – Air Force Specialty

AFSC – Air Force Specialty Code

AFTR – Air Force Training Record

AGE – Aerospace Ground Equipment

ALERTCON – Alert Condition

ALOHA – Area Locations of Hazardous Atmospheres

ALS – Airman Leadership School

AMN – Airman

ANG – Air National Guard

AS – Allowance Standard

AT – Advanced Training

ATP – Allied Tactical Publication

BCE – Base Civil Engineer

BDO – Battle Dress Overgarment

BEAR – Basic Expeditionary Airfield Resources

BMT – Basic Military Training

BOM – Bill of Materials

CAM – Chemical Agent Monitor

CAMEO – Computer-Aided Management of Emergency Operations

CAMSIM – Chemical Agent Monitor Simulator

CBR – Chemical, Biological, Radiological

CBRN – Chemical, Biological, Radiological, Nuclear

CBRNE – Chemical, Biological, Radiological, Nuclear, and High Yield Explosive

CBT – Computer Based Training

CCA – Contamination Control Area

CCAF – Community College of the Air Force

CCS – Contamination Control Station

CCT – Contamination Control Team

CDC – Career Development Course

CDTF – Chemical Defense Training Facility

CE – Civil Engineer

CEM – Chief Enlisted Manager

CEMAS – Civil Engineer Material Acquisition System

CerTest – Certification Testing

CFETP – Career Field Education and Training Plan

CFR – Code of Federal Regulations

CJQS – Command Job Qualification Standard

CMSgt – Chief Master Sergeant

CN – a-Chloroacetophenone

CoBRA – Chemical Biological Response Aide

COL – Course Objective List

COTS – Commercial Off The Shelf

CPO – Chemical Protective Overgarment

CRA – Contingency Ready Airman

CS – o-Chlorobenzylidene Malonitrile

CSS – Contingency Support Staff

CWPC – Contingency Wartime Planners Course

DAGR – Defense Advanced GPS Receiver

DEFCON – Defense Condition

DHS – Department of Homeland Security

DL – Distance Learning

DOC – Designed Operational Capability

DOD – Department of Defense

DODD – Department of Defense Directive

DODI – Department of Defense Instruction

DOE – Department of Energy

DOS – Department of State

DRF – Disaster Response Force

DRMD – Deployments Requirements Manning Document

DRU – Direct Reporting Unit

DTRA – Defense Threat Reduction Agency

ECAMP – Environmental Compliance

EET – Exercise Evaluation Team

EM – Emergency Management

EMIS – Emergency Management Information System

EOC – Emergency Operations Center

EPA – Environmental Protection Agency

ESL – Equipment & Supplies Listing

EST – Enlisted Specialty Training

ETCA – Education and Training Course Announcements

ETL – Engineering Technical Letter

FAM – Functional Area Manager

FBI – Federal Bureau of Investigation

FEMA – Federal Emergency Management Agency

FOA – Field Operating Agency

FOE – Follow-On Element

FPCON – Force Protection Condition

FPWG – Force Protection Working Group

FTD – Field Training Detachment

GER – General Education Requirements

GPC – Government Purchase Card

GPS – Global Positioning System

HAZMAT – Hazardous Material

HPAC – Hazard Prediction and Assessment

HQ – Headquarters

HST – Home Station Training

HYT – High Year Tenure

IAW – In Accordance With

ICAM – Improved Chemical Agent Monitor

ICS – Incident Command System

IRE – Initial Response Element

IRF – Initial Response Force

ISD – Instructional System Development

JBPDS – Joint Biological Point Detection System

J-FIRE – Joint Firefighter's Integrated Response Ensemble

JIT – Just In Time

JNBCRS – Joint Nuclear, Biological, and Chemical Reconnaissance System

JP – Joint Publication

JPDS – Joint Portable Decontamination System

JSCESM – Joint Service Chemical Environment Survivability Mask

JSFDS – Joint Service Family of Decontamination Systems

JSGPM – Joint Service General Purpose Mask

JSIG – Joint Service Integration Group

JSLIST – Joint Service Lightweight Integrated Suit Technology

JSMG – Joint Service Materiel Group

JSMLT – Joint Service Mask Leakage Tester

JSPDS – Joint Service Personnel Decontamination System

JSTDS – Joint Service Transportable Decontamination System

JWARN – Joint Warning and Reporting Network

LBP – Lead-Based Paint

LMS – Learning Management System

MAJCOM – Major Command

MEOC- Mobile Emergency Operations Center

MEFPAK – Manpower and Equipment Force Packing System

MOPP – Mission Oriented Protective Posture

MPF – Military Personnel Flight

MRRR – Mobility Requirement Resource Roster

MSgt – Master Sergeant

MTT – Mobile Training Team

NATO – North Atlantic Treaty Organization

NBC – Nuclear, Biological, Chemical

NCOA – Non-Commissioned Officer Academy

NIMS – National Incident Management System

NMCC – National Military Command Center

NORTHCOM – Northern Command

NRP – National Response Plan

OJT – On-the-Job Training

OPR – Office of Primary Responsibility

OSR – Occupational Survey Report

PLGR – Precision Lightweight GPS Receiver

POI – Plan of Instruction

PME – Professional Military Education

PRF – Personnel Readiness Folder

Prime BEEF – Prime Base Engineer Emergency Force

QAP – Quality Assurance Personnel

QDR – Quality Deficiency Report

QT – Qualification Training

RAC-3 – Radiological Accident Command, Control, and Coordination

RAM – Radioactive Material

RD&A – Research, Development, and Acquisition

RED HORSE – Rapid Engineer Deployable Heavy Operational Repair Squadron Engineers

RETOPS – Radiological Emergency Team Operations

RST – Readiness Support Team

RTF – Response Task Force

RTP – Readiness Training Package

RWG – Readiness and Emergency Management Working Group

RWP – Recurring Work Program

SABER – Simplified Acquisition of Base Engineering Requirements

SALUTE – Size, Activity, Location, Unit, Time, Equipment

SAV – Staff Assistance Visit

SIPRNET – Secure Internet Protocol Network

SITREP – Situation Report

SKT – Specialty Knowledge Test

SME – Subject Matter Expert

SMSgt – Senior Master Sergeant

SMT – Shelter Management Team

SNCOA – Senior Non-Commissioned Officer Academy

SORTS – Status of Resources and Training System

SrA – Senior Airman

SSgt – Staff Sergeant

STS – Specialty Training Standard

TAFMS – Total Active Federal Military Service

TIDES – Training Impact Decision System

TM – Technical Manual

TO – Technical Order

TPFDL – Time Phased Force and Deployment List

TPT – Training Plan Team

TQT – Task Qualification Training

TR – Training Reference

TSgt – Technical Sergeant

TTG – Technical Training Graduate

TWG – Threat Working Group

U&TW – Utilization and Training Workshop

UCC – Unit Control Center

UETM – Unit Education and Training Manager

UGT – Up-Grade Training

UTC – Unit Type Code

VLSTRACK – Vapor Liquid Solid Tracking

VTS – Video Teleseminar

VTT – Video Teletraining

WAPS – Weighted Airman Promotion System

WMD – Weapon of Mass Destruction

WMP – War Mobilization Plan

WRM – War Reserve Material

Advanced Distributed Learning Service (ADLS) – Anytime, anyplace learning within the DOD consisting of instructional modules comprised of sharable content objectives in an Internet/Intranet environment.

Advanced Training (AT) – A formal course which provides individuals who are qualified in one or more positions of their Air Force Specialty (AFS) with additional skills/knowledge to enhance their expertise in the career field. Training is for selected career Airmen at the advanced level of the AFS.

Air Force Career Field Manager (AFCFM) – An individual on the Air Staff charged with the responsibility for overseeing all training and career field management aspects of an Air Force specialty or group of specialties.

Air Force Certified Emergency Manager Program (AFCEMP) -- The Air Force Certified Emergency Manager Program (AFCEMP) is comparable to the International Association of Emergency Managers (IAEM) "Certified Emergency Manager." This three-step building block program is internationally recognized and provides increased credibility, professional identity, career recognition, and enhanced career planning.

Air Force Job Qualification Standard/Command Job Qualification Standard (AFJQS/CJQS) – A comprehensive task list that describes a particular job type or duty position. Used by supervisors to document task qualifications. The tasks on AFJQS/CJQS are common to all persons serving in the described duty position.

Air Force Qualification Training Package (AFQTP) – An instructional package for use at the unit to qualify, or aid qualification, in a duty position, program, or on a piece of equipment. AFQTPs identify the Air Force's standardized method of performing the task. The AFQTP may be printed (paper-based), computer-based, or in other audiovisual media.

Air Force Training Record (AFTR) – Web-based relational database used to track personnel's upgrade training requirements. (Formerly known as COVER Train)

Basic Expeditionary Airfield Resources (BEAR) – Facilities, equipment, and basic infrastructure to support the beddown of deployed forces and aircraft at austere locations; a critical capability to fielding expeditionary aerospace forces. Resources include tents, field kitchens, latrine systems, shop equipment, electrical and power systems, runway systems aircraft shelter, and water systems needed to sustain operations.

Career Field Education and Training Plan (CFETP) – A comprehensive, multipurpose document encapsulating the entire spectrum of education and training for a career field. It outlines a logical growth plan that includes training resources and is designed to make career field training identifiable, to eliminate duplication, and to ensure this training is budget defensible.

Certification and Testing (CerTest) – CerTest is an interactive computer-based program designed to test, evaluate, and certify a student's knowledge of principles and procedures on various job-related subjects. CerTest uses a variety of training materials and a computer program that randomly selects test questions based on the instruction.

Commercial Off The Shelf (COTS) – Commercially procured training products.

Computer Based Training (CBT) – A self-paced stand-alone computer product used to deliver interactive subject and task knowledge.

Contingency Ready Airman (CRA) – A technical training graduate (TTG) capable of deploying and performing as an <u>apprentice level</u> within the designated AFSC the day they get to their first duty location.

Contingency Wartime Task – Basic wartime skills, knowledge, and major common contingency/wartime tasks that Prime BEEF team members will be required to perform. These tasks are listed in AFPAM 10-219, Volume 10, *Contingency Training Guide and Task Standards*.

Continuation Training – Additional training exceeding requirements with emphasis on present and future duty assignments.

Core Task – A task Air Force Career Field Managers (AFCFM) identified as a minimum qualification requirement within an Air Force specialty or duty position. These tasks exemplify the essence of the career field.

Course Objective List (COL) – A publication derived from initial and advanced skills course training standard, identifying the tasks and knowledge requirements, and respective standards provided to achieve a 3, 5, and 7-skill level in this career field. Supervisors use the COL to assist in conducting graduate evaluations in accordance with AFI 36-2201, Volume 1, *Training Development, Delivery, and Evaluation*.

Critical Task – Tasks that have been identified by the work center supervisor as having a detrimental effect on mission accomplishment if not performed correctly. Critical tasks may or may not be the same as core tasks but are mandatory if identified as 'critical' to the individual's position by the supervisor or work center.

Desire List – An inquiry product run by the Military Personnel Flight (MPF) to reflect a listing of levies tasked to a unit, and the unit personnel currently eligible to fill the requirements. The Desire List is a flexible product in that various personnel aspects can be queried.

Diamond Tasks (♦) – Diamond tasks are extremely important to the career field. Diamond tasks are the same as core tasks with one exception--equipment shortfalls at most locations have created problems with the actual hands-on certification of these tasks. In instances where required equipment is not available for instruction, completion of the task's AFQTP and passing the corresponding certification test (CerTest) is all that is required for upgrade and qualification training. Hands-on certification shall be accomplished at the first opportunity when equipment is available.

Distance Learning (DL) – Includes video teleseminar (VTS), video teletraining (VTT), computer-based training (CBT), and web-based training (WBT). Formal courses that a training wing or a contractor develops for export to a field location (in place of resident training) for trainees to complete without the on-site support of the formal school instructor. For instance, courses are offered by Air Force Institute of Technology, Air University, and Training Detachments.

Duty Position Task – The tasks assigned to an individual for the position currently held. These include as a minimum all core tasks, critical tasks, and any other tasks assigned by the supervisor.

Enlisted Specialty Training (EST) – A mix of formal training (technical school) and informal training (on-the-job) to qualify and upgrade Airmen in each skill level of a specialty.

Exportable Training – Additional training via computer-assisted, paper text, interactive video, or other necessary means to supplement training.

Field Technical Training (Type 4) – Special or regular on-site training conducted by a field training detachment (FTD) or by a mobile training team (MTT).

Functional Area Manager (FAM) – An individual responsible for the management and planning of all personnel and equipment within a specific functional area to support wartime and peacetime contingencies.

Go/No Go – The stage at which an individual has gained enough skill, knowledge, and experience to perform the tasks without supervision. Meeting the task standard.

Home Station Training (HST) – Training conducted at the individual's home station for contingency operations. Civil Engineer training requirements, frequencies, and sources are listed in AFI 10-210, *Prime Base Emergency Engineer Force (BEEF) Program.*

Initial Skills Training – AFS-specific training an individual receives upon entry into the Air Force or upon retraining into this specialty for award of the 3-skill level. Normally, this training is conducted by AETC at one of the technical training wings.

Instructional System Development (ISD) – A deliberate and orderly, but flexible, process for planning, developing, implementing, and managing instructional systems. It ensures personnel are taught the knowledge, skills, and attitudes essential for successful job performance.

Just-in-Time (JIT) Training – Training required just prior to a selected deployment that delivers training necessary for mission accomplishment. It is typically predicated on hard-to-obtain contingency skills.

Learning Management System (LMS) – An automated web-based distributed learning service that delivers standard knowledge-based material to personnel, allowing for academic self-paced learning and providing the ability to access material anytime...anywhere.

Occupational Survey Report (OSR) – A detailed report showing the results of an occupational survey of tasks performed within a particular AFS.

On-the-Job Training (OJT) – Hands-on, over-the-shoulder training to certify personnel in both upgrade (skill level award) and job qualification (duty position certification) training.

Optimal Training – The ideal combination of training settings resulting in the highest levels of proficiency on specified performance requirements within the minimum time possible.

Proficiency Training – Additional training, either in-residence, exportable advanced training courses, or on-the-job training, provided to personnel to increase their skills and knowledge beyond the minimum required for upgrade.

Qualification Training (QT) – Actual hands-on task performance training designed to qualify an individual in a specific duty position. This portion of the dual channel on-the-job training program occurs both during and after the upgrade training process. It is designed to provide the performance skills required to do the job.

Readiness Training Package (RTP) – Establishes standard levels of knowledge and proficiency for common emergency management subject areas by providing instructors with training references, materials, and lesson objectives used in teaching and evaluating the course subject matter.

Representative Sites – Typical organizational units having similar missions, weapon systems or equipment, or a set of jobs, used as a basis for estimating average training capacities and costs within the Training Impact Decision System (TIDES).

Resource Constraints – Resource deficiencies, such as money, facilities, time, manpower, or equipment that precludes desired training from being delivered.

Skills Training – A formal course resulting in the award of a skill level.

Specialty Training – A mix of formal training (technical school) and informal training (on-the-job) to qualify and upgrade Airmen in the award of a skill level.

Specialty Training Standard (STS) – Describes skills and knowledge that Airmen in a particular AFS need on the job. It further serves as a contract between the Air Education and Training Command (AETC) and the user to show the overall training requirements for an AFS taught in the resident and nonresident courses.

Standard – An exact value, a physical entity, or an abstract concept, established and defined by authority, custom, or common consent to serve as a reference, model, or rule in measuring quantities or qualities, establishing practices or procedures, or evaluating results; a fixed quantity or quality.

Supplemental Training – Training for a portion of an AFS without a change in AFSC. Formal training on new equipment, methods, and technology that are not suited for on-the-job training.

Task Qualification Training (TQT) – Training that ensures an individual can perform mission essential tasks in the environment in which they perform those tasks.

Total Force – All collective Air Force components (active duty, Reserve, Guard, and civilian elements) of the United States Air Force.

Training Capacity – The capability of a training setting to provide training on specified requirements, based on the availability of resources.

Training Impact Decision System (TIDES) – A computer-based decision support technology designed to assist Air Force Career Field Managers (AFCFM) in making critical judgments relevant to what training should be provided to personnel within career fields, when training should be provided (at what career points), and where training should be conducted (training setting). A TIDES template is used Air Force-wide for standardization and formatting of CFETPs.

Training Planning Team (TPT) – Comprised of the same personnel as a U&TW, however TPTs are more intimately involved in training development and the range of issues is greater than is normal in the U&TW forum.

Training Requirements Analysis – A detailed analysis of tasks for a particular AFS to be included in the training decision process.

Upgrade Training – Identifies the mandatory courses, task qualification requirements, and correspondence course completion requirements for award of the 5, 7, and 9-skill levels.

Utilization and Training Workshop (U&TW) – A forum of the Air Force Career Field Managers (AFCFM), MAJCOM Functional Area Managers (FAM), Subject Matter Experts (SME), and AETC training personnel that determine career ladder training requirements.

Web Based Training (WBT) – A self-paced internet service computer product used to deliver interactive subject and task knowledge.